APPENDIX E

MSL SHORELINE AND BEACH WIDTH DATA DERIVED FROM BEACH PROFILE DATA

Mean Sea Level Shoreline Positions

	Transect [4]	Pre – 1984 Survey Date	Mean Sea Level Shoreline Position (Feet from Transect Origin)														
			Pre – 1984	Fall 1984	Fall 1989	Spring 1996	Fall 1996	Spring 1997	Fall 1997	Spring 1998	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 2000	Spring 2001	Fall 2001
Silver Strand Littoral Cell	SS-0003	Mar 1969	244	312	323			288	320	162	273	266	318	229	284	213	312
	SS-0007			330	279				293	258	39	(-55)	390	172	301	220	349
	SS-0015	Jun 1975	361	332	231			189	233	118	139	136	196	177	172	155	228
	SS-0020 [1, 2, 3]															128	195
	SS-0025 [1, 2, 3]															84	277
	SS-0035 [3]			232	273	175	260	190	230	144	334	174	254	196	256	171	346
	SS-0050 [2, 3]				288											198	286
	SS-0077		657	706	746			643	665	594	650	616	689	652	675	608	671
	SS-0090			285	363	272	303	256	302	238	294	245	331	256	320	244	336
	SS-0160			725	796	759	796	776	766	633	783	738	785	753	790	737	808
Mission Beach Littoral Cell	OB-0230	Jul 1970	291	363	382	348	366	396	349	326	385	365	389	365	378	334	389
	MB-0310 [3]	Jul 1955	408	296	336	285	299	258	277	201	274	255	292	311	333	232	318
	MB-0320 [2, 3]															210	311
	MB-0335 [1, 2, 3]															199	271
	MB-0340 [1, 3]	Jun 1972	201	199	263			171	209	104	195	142	242	145	240	166	276
	MB-0384 [3]	Jun 1972	204	250	291			245	269	197	235	210	287	230	277	205	277
	PB-0408			153	184	135	208	125	180	96	166	98	125	109	186	196	201
Oceanside Littoral Cell	LJ-0443			138	162			64	87	14	111	92	121	81	135	70	128
	LJ-0445			228	176			207	192	259	221	206	219	213	221	211	219
	LJ-0450			265	280	264	272	248	282	160	263	217	253	246	293	275	306
	LJ-0460			194	188			132	177	133	251	98	213	139	248	152	285
	TP-0470			199	264			147	180	88	155	78	190	107	205	162	211
	TP-0520 [1]			242	201	141	179	149	174	106	197	107	212	143	235	144	295
	TP-0530 [1]			164	189			258	174	142	196	176	219	171	265	142	312
	DM-0565 [2]															265	289
	DM-0580 [1]			233	238	197	214	181	178	134	250	159	253	159	228	122	256
	DM-0590			190	291			117	169	39	170	146	240	181	154	98	108
	SD-0600 [1]			158	155	91	96	88	76	53	120	70	108	83	92	71	155
	SD-0620														95	86	99

(continued)

Mean Sea Level Shoreline Positions (continued)

	Transect [4]	Pre – 1984 Survey Date	Mean Sea Level Shoreline Position (Feet from Transect Origin)														
			Pre – 1984	Fall 1984	Fall 1989	Spring 1996	Fall 1996	Spring 1997	Fall 1997	Spring 1998	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 2000	Spring 2001	Fall 2001
Oceanside Littoral Cell (continued)	SD-0625														101	75	113
	SD-0630 [1]	Oct 1970	169	177	173	68	75	55	75	78	141	79	89	78	140	90	207
	SD-0650														151	120	157
	SD-0660														142	128	149
	SD-0670 [1, 3]	Apr 1957	87	163	100	113	110	128	101	105	189	122	194	142	238	131	275
	SD-0675 [2, 3]															91	115
	SD-0680 [3]											74	147	104	155	90	176
	SD-0690 [1, 2, 3]															78	108
	SD-0695 [2, 3]															83	125
	SD-0700 [3]														86	76	89
	SD-0710 [1, 2]															166	243
	CB-0720	Oct 1970	313	196	170	295	365	258	301	234	357	240	372	276	403	270	393
	CB-0740				141	254	229	230	240	183	210	170	211	191	243	183	212
	CB-0760			144	115	235	199	227	206	123	171	126	183	141	184	126	195
	CB-0775 [1, 2]															234	337
	CB-0780					281	294	237	271	201	286	195	266	221	273	218	295
	CB-0800					90	78	100	71	38	55	102	66	76	75	79	43
	CB-0820					193	172	152	247	173	203	152	156	143	155	176	221
	CB-0830			215	120	123	107	133	74	90	58	102	76	86	86	129	72
	CB-0840 [3]				89	132	97	141	79	103	57	152	112	106	87	142	105
	CB-0850 [3]				212	209	198	200	221	187	179	226	217	205	204	220	250
	CB-0865 [1, 2, 3]															89	200
	CB-0880 [1, 3]				159	149	90	144	148	118	129	140	127	100	144	123	172
	OS-0900 [3]				138	109	57	57	66	63	102	74	106	92	120	98	119
	OS-0915 [1, 2]															77	189
	OS-0930 [1]	Jan 1972	183	220	226	167	166	181	155	202	180	187	208	177	198	179	305
	OS-1000	Sep 1965	250	259	234			155	188	173	203	195	213	187	210	180	222
	OS-1030	Oct 1963	340	350	208			282	232	212	193	210	179	210	211	207	196
	OS-1070	Oct 1973	478	463	422			506	498	404	428	435	442	428	448	404	447

Note:
(1) Transect crosses RBSP receiver site (shown in red type).
(2) New transect established to support RBSP in Spring 2001.
(3) Transect used for monthly beach width measurements.
(4) Transect locations are indicated in Figures 10a and 10b.

Seasonal Changes in Mean Sea Level Shoreline Position

	Transect [4]	Winter Seasonal Change (ft) [2,3]					Summer Seasonal Change (ft) [2,3]					
		Fall 1996 to Spring 1997	Fall 1997 to Spring 1998	Fall 1998 to Spring 1999	Fall 1999 to Spring 2000	Fall 2000 to Spring 2001	Spring 1996 to Fall 1996	Spring 1997 to Fall 1997	Spring 1998 to Fall 1998	Spring 1999 to Fall 1999	Spring 2000 to Fall 2000	Spring 2001 to Fall 2001
Silver Strand Littoral Cell	SS-0003		(-158)	(-7)	(-89)	(-71)		32	111	52	55	99
	SS-0007		(-35)	(-94)	(-218)	(-77)			(-219)	445	129	129
	SS-0015		(-115)	(-3)	(-19)	(-17)		44	21	60	(-5)	73
	SS-0020 [1, 2, 3]											67
	SS-0025 [1, 2, 3]											193
	SS-0035 [3]	(-70)	(-86)	(-160)	(-58)	(-84)	85	40	190	80	60	175
	SS-0050 [2, 3]											88
	SS-0077		(-71)	(-34)	(-37)	(-67)		22	56	73	23	63
	SS-0090	(-47)	(-64)	(-49)	(-75)	(-76)	31	46	56	86	64	92
	SS-0160	(-20)	(-133)	(-45)	(-32)	(-53)	37	(-10)	150	47	37	71
Mission Beach Littoral Cell	OB-0230	30	(-23)	(-20)	(-24)	(-44)	18	(-47)	59	24	13	55
	MB-0310 [3]	(-41)	(-76)	(-19)	19	(-102)	14	19	73	37	22	86
	MB-0320 [2, 3]											101
	MB-0335 [1, 2, 3]									0		72
	MB-0340 [1, 3]		(-105)	(-53)	(-97)	(-73)		38	91	100	95	110
	MB-0384 [3]		(-72)	(-25)	(-57)	(-72)		24	38	77	47	72
	PB-0408	(-83)	(-84)	(-68)	(-16)	11	73	55	70	27	77	5
Oceanside Littoral Cell	LJ-0443		(-73)	(-19)	(-40)	(-63)		23	97	29	54	58
	LJ-0445		67	(-15)	(-6)	(-9)		(-15)	(-38)	13	8	8
	LJ-0450	(-24)	(-122)	(-46)	(-6)	(-19)	8	34	103	36	47	31
	LJ-0460		(-44)	(-153)	(-74)	(-96)		45	118	115	109	133
	TP-0470		(-92)	(-77)	(-83)	(-43)		33	67	112	98	49
	TP-0520 [1]	(-30)	(-68)	(-90)	(-69)	(-90)	38	25	91	105	92	151
	TP-0530 [1]		(-32)	(-20)	(-48)	(-124)		(-84)	54	43	94	170
	DM-0565 [2]											24
	DM-0580 [1]	(-33)	(-44)	(-91)	(-94)	(-106)	17	(-3)	116	94	69	134
	DM-0590		(-130)	(-24)	(-59)	(-56)		52	131	94	(-27)	10
	SD-0600 [1]	(-8)	(-23)	(-50)	(-25)	(-20)	5	(-12)	67	38	9	84
	SD-0620					(-9)						13

(continued)

Seasonal Changes in Mean Sea Level Shoreline Position (continued)

	Transect [4]	Winter Seasonal Change (ft) [2,3]					Summer Seasonal Change (ft) [2,3]					
		Fall 1996 to Spring 1997	Fall 1997 to Spring 1998	Fall 1998 to Spring 1999	Fall 1999 to Spring 2000	Fall 2000 to Spring 2001	Spring 1996 to Fall 1996	Spring 1997 to Fall 1997	Spring 1998 to Fall 1998	Spring 1999 to Fall 1999	Spring 2000 to Fall 2000	Spring 2001 to Fall 2001
Oceanside Littoral Cell (continued)	SD-0625					(-26)						38
	SD-0630 [1]	(-20)	3	(-62)	(-11)	(-49)	7	20	63	10	62	117
	SD-0650					(-31)						37
	SD-0660					(-14)						21
	SD-0670 [1, 3]	18	4	(-67)	(-52)	(-106)	(-3)	(-27)	84	72	96	144
	SD-0675 [2, 3]											24
	SD-0680 [3]				(-43)	(-64)				73	51	86
	SD-0690 [1, 2, 3]											30
	SD-0695 [2, 3]											42
	SD-0700 [3]					(-10)						13
	SD-0710 [1, 2]											77
	CB-0720	(-107)	(-67)	(-117)	(-96)	(-131)	70	43	123	132	127	123
	CB-0740	1	(-57)	(-40)	(-20)	(-60)		10	27	41	52	29
	CB-0760	28	(-83)	(-45)	(-42)	(-58)	(-36)	(-21)	48	57	43	69
	CB-0775 [1, 2]											103
	CB-0780	(-57)	(-70)	(-91)	(-45)	(-55)		34	85	71	52	77
	CB-0800	22	(-33)	47	10	4		(-29)	17	(-36)	(-1)	(-36)
	CB-0820	(-20)	(-74)	(-51)	(-13)	21		95	30	4	12	45
	CB-0830	26	16	44	10	43	(-16)	(-59)	(-32)	(-26)	0	(-57)
	CB-0840 [3]	44	24	95	(-6)	55		(-62)	(-46)	(-40)	(-19)	(-37)
	CB-0850 [3]	2	(-34)	47	(-12)	16		21	(-8)	(-9)	(-1)	30
	CB-0865 [1, 2, 3]											111
	CB-0880 [1, 3]	54	(-30)	11	(-27)	(-21)	(-59)	4	11	(-13)	44	49
	OS-0900 [3]	0	(-3)	(-28)	(-14)	(-22)		9	39	32	28	21
	OS-0915 [1, 2]											112
	OS-0930 [1]	15	47	7	(-31)	(-19)	(-1)	(-26)	(-22)	21	21	126
	OS-1000		(-15)	(-8)	(-26)	(-29)		33	30	18	23	42
	OS-1030		(-20)	17	31	(-5)		(-50)	(-19)	(-31)	1	(-11)
	OS-1070		(-94)	7	(-14)	(-44)		(-8)	24	7	20	43

Notes:
(1) Transect crosses RBSP receiver site (shown in red type).
(2) New transect established to support RBSP in Spring 2001.
(3) Transect used for monthly beach width measurements.
(4) Transect Locations are indicted in Figures 10a and 10b.
(5) Positive values indicate seaward movement of the shoreline (accretion).
(6) Negative values indicate landward movement of the shoreline (erosion).

Long-Term Changes, Long-Term Change Rates, and Annual Changes in Mean Sea Level Shoreline Position

	Transect [4]	Pre - 1984 Survey Date	Long-Term Change (ft) [2,3]			Long-Term Change Rate (ft/yr) [2,3]			Annual Change (ft) [2,3]				
			Pre - 1984 to Fall 1984	Fall 1984 to Fall 1989	Fall 1989 to Fall 2000	Pre - 1984 to Fall 1984	Fall 1984 to Fall 1989	Fall 1989 to Fall 2000	Fall 1996 to Fall 1997	Fall 1997 to Fall 1998	Fall 1998 to Fall 1999	Fall 1999 to Fall 2000	Fall 2000 to Fall 2001
Silver Strand Littoral Cell	SS-0003	Mar 1969	68	11	(-39)	4.4	2.2	(-3.5)		(-47)	45	(-34)	28
	SS-0007			(-51)	22		(-10.2)	2.0		(-254)	351	(-89)	52
	SS-0015	June 1975	(-29)	(-101)	(-59)	(-3.1)	(-20.2)	(-5.4)		(-94)	57	(-24)	56
	SS-0020 [1, 2, 3]												
	SS-0025 [1, 2, 3]												
	SS-0035 [3]			41	(-17)		8.2	(-1.5)	(-30)	104	(-80)	2	91
	SS-0050 [2, 3]												
	SS-0077			40	(-71)		8.0	(-6.5)		(-15)	39	(-14)	(-4)
	SS-0090			78	(-43)		15.6	(-3.9)	(-1)	(-8)	37	(-11)	16
	SS-0160			71	(-6)		14.2	(-0.5)	(-30)	17	2	5	18
Mission Beach Littoral Cell	OB-0230	July 1970	72	19	(-4)	5.0	3.8	(-0.4)	(-17)	36	4	(-11)	11
	MB-0310 [3]	July 1955	(-112)	40	(-3)	(-3.8)	8.0	(-0.3)	(-22)	(-3)	18	41	(-16)
	MB-0320 [2, 3]												
	MB-0335 [1, 2, 3]												
	MB-0340 [1, 3]	June 1972	(-2)	64	(-23)	(-0.2)	12.8	(-2.1)		(-14)	47	(-2)	37
	MB-0384 [3]	June 1972	46	41	(-14)	3.7	8.2	(-1.3)		(-34)	52	(-10)	0
	PB-0408			31	2		6.2	0.2	(-28)	(-14)	(-41)	61	16
Oceanside Littoral Cell	LJ-0443			24	(-27)		4.8	(-2.5)		24	10	14	(-5)
	LJ-0445			(-52)	45		(-10.4)	4.1		29	(-2)	2	(-1)
	LJ-0450			15	13		3.0	1.2	10	(-19)	(-10)	40	12
	LJ-0460			(-6)	60		(-1.2)	5.5		74	(-38)	35	37
	TP-0470			65	(-59)		13.0	(-5.4)		(-25)	35	15	6
	TP-0520 [1]			(-41)	34		(-8.2)	3.1	(-5)	23	15	23	61
	TP-0530 [1]			25	76		5.0	6.9		22	23	46	46
	DM-0565 [2]												
	DM-0580 [1]			5	(-10)		1.0	(-0.9)	(-36)	72	3	(-25)	28
	DM-0590			101	(-137)		20.2	(-12.5)		1	70	(-86)	(-46)
	SD-0600 [1]			(-3)	(-63)		(-0.6)	(-5.7)	(-20)	44	(-12)	(-16)	64
	SD-0620												4

(continued)

Long-Term Changes, Long-Term Change Rates, and Annual Changes in Mean Sea Level Shoreline Position (continued)

	Transect [4]	Pre - 1984 Survey Date	Long-Term Change (ft) [2,3]			Long-Term Change Rate (ft/yr) [2,3]			Annual Change (ft) [2,3]				
			Pre - 1984 to Fall 1984	Fall 1984 to Fall 1989	Fall 1989 to Fall 2000	Pre - 1984 to Fall 1984	Fall 1984 to Fall 1989	Fall 1989 to Fall 2000	Fall 1996 to Fall 1997	Fall 1997 to Fall 1998	Fall 1998 to Fall 1999	Fall 1999 to Fall 2000	Fall 2000 to Fall 2001
Oceanside Littoral Cell (continued)	SD-0625												12
	SD-0630 [1]	Oct 1970	8	(-4)	(-33)	0.6	(-0.6)	(-3.0)	0	66	(-52)	51	68
	SD-0650												6
	SD-0660												7
	SD-0670 [1, 3]	Apr 1957	76	(-63)	138	2.8	(-12.6)	12.5	(-9)	88	5	44	38
	SD-0675 [2, 3]												
	SD-0680 [3]											8	22
	SD-0690 [1, 2, 3]												
	SD-0695 [2, 3]												
	SD-0700 [3]												3
	SD-0710 [1, 2]												
	CB-0720	Oct 1970	(-117)	(-26)	233	(-8.4)	(-5.2)	21.2	(-64)	56	15	31	(-8)
	CB-0740				102			9.3	11	(-30)	1	32	(-31)
	CB-0760			(-29)	69		(-5.8)	6.3	7	(-35)	12	1	11
	CB-0775 [1, 2]												
	CB-0780				176			16.0	(-23)	15	(-20)	7	22
	CB-0800				(-62)			(-5.6)	(-7)	(-16)	11	9	(-32)
	CB-0820								75	(-44)	(-47)	(-1)	66
	CB-0830			(-95)	(-34)		(-19.0)	(-3.1)	(-33)	(-16)	18	10	(-14)
	CB-0840 [3]				(-2)			(-0.2)	(-18)	(-22)	55	(-25)	18
	CB-0850 [3]				(-8)			(-0.7)	23	(-42)	38	(-13)	46
	CB-0865 [1, 2, 3]												
	CB-0880 [1, 3]				(-15)			(-1.4)	58	(-19)	(-2)	17	28
	OS-0900 [3]				(-18)			(-1.6)	9	36	4	14	(-1)
	OS-0915 [1, 2]												
	OS-0930 [1]	Jan 1972	37	6	(-28)	2.9	1.2	(-2.5)	(-11)	25	28	(-10)	107
	OS-1000	Sep 1965	9	(-25)	(-24)	0.5	(-5.0)	(-2.2)		15	10	(-3)	13
	OS-1030	Oct 1963	10	(-142)	3	0.5	(-28.4)	0.3		(-39)	(-14)	32	(-16)
	OS-1070	Oct 1973	(-15)	(-41)	26	(-1.4)	(-8.2)	2.4		(-70)	14	6	(-1)

Notes:
(1) Transect crosses RBSP receiver site (shown in red type).
(2) New transect established to support RBSP in Spring 2001.
(3) Transect used for monthly beach width measurements.
(4) Transect locations are indicted in Figures 10a and 10b.
(5) Positive values indicate seaward movement of the shoreline (accretion).
(6) Negative values indicate landward movement of the shoreline (erosion).

Mean Sea Level Beach Widths

	Transect [4]	Landward Limit of Sand	Pre – 1984 Survey Date	Mean Sea Level Beach Width (feet) [5]														
				Pre – 1984	Fall 1984	Fall 1989	Spring 1996	Fall 1996	Spring 1997	Fall 1997	Spring 1998	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 2000	Spring 2001	Fall 2001
Silver Strand Littoral Cell	SS-0003	Concrete Slab	Mar 1969	244	312	323			288	320	162	273	266	318	229	284	213	312
	SS-0007 [6]	Wetlands																
	SS-0015	Base of Revetment	Jun 1975	191	162	61			19	63	0	0	0	26	7	2	0	58
	SS-0020 [1, 2, 3]	Sidewalk															128	195
	SS-0025 [1, 2, 3]	Base of Revetment															72	265
	SS-0035 [3]	Base of Revetment			204	245	147	232	162	202	116	306	146	226	168	228	144	319
	SS-0050 [2, 3]	Seawall				283											193	281
	SS-0077	Fence			682	722			619	641	570	626	592	665	628	651	584	647
	SS-0090	Access Road			226	304	213	244	197	243	179	235	186	272	197	261	185	277
	SS-0160	Base of Revetment			711	782	745	782	762	752	619	769	724	771	739	776	723	794
Mission Beach Littoral Cell	OB-0230	Parking Lot	Jul 1970	197	268	287	253	271	301	254	231	290	270	294	270	283	239	294
	MB-0310 [3]	Multi-Use Path	Jul 1955	401	289	329	278	292	251	270	194	267	248	285	304	326	224	310
	MB-0320 [2, 3]	Multi-Use Path															182	283
	MB-0335 [1, 2, 3]	Multi-Use Path															189	261
	MB-0340 [1, 3]	Multi-Use Path	Jun 1972	195	193	257			165	203	98	189	136	236	139	234	161	271
	MB-0384 [3]	Multi-Use Path	Jun 1972	195	241	282			236	260	188	226	201	278	221	268	196	268
	PB-0408	Base of Bluff			178	209	160	233	150	205	121	191	123	150	134	211	222	227
Oceanside Littoral Cell	LJ-0443	Restaurant			138	162			64	87	14	111	92	121	81	135	72	130
	LJ-0445	Multi-Use Path			219	167			198	183	250	212	197	210	204	212	203	211
	LJ-0450	Multi-Use Path			262	277	261	269	245	279	157	260	214	250	243	290	271	302
	LJ-0460	Building			194	188			132	177	133	251	98	213	139	248	152	285
	TP-0470	Base of Bluff			199	264			147	180	88	155	78	190	107	205	162	211
	TP-0520 [1]	Base of Revetment			202	161	101	139	109	134	66	157	67	172	103	195	105	256
	TP-0530 [1]	Base of Revetment			122	147			216	132	100	154	134	177	129	223	99	269
	DM-0565 [2]	Base of bluff															57	81
	DM-0580 [1]	Seawall			224	229	188	205	172	169	125	241	150	244	150	219	113	247
	DM-0590	Base of Revetment			172	273			99	151	21	152	128	222	163	136	80	90
	SD-0600 [1]	Base of Bluff			181	178	114	119	111	99	76	143	93	131	106	115	95	179
	SD-0620	Multi-Use Path		244												95	86	99

(continued)

Mean Sea Level Beach Widths (continued)

	Transect [4]	Landward Limit of Sand	Pre – 1984 Survey Date	Mean Sea Level Beach Width (feet) [5]														
				Pre – 1984	Fall 1984	Fall 1989	Spring 1996	Fall 1996	Spring 1997	Fall 1997	Spring 1998	Fall 1998	Spring 1999	Fall 1999	Spring 2000	Fall 2000	Spring 2001	Fall 2001
Oceanside Littoral Cell (continued)	SD-0625	PCH														101	75	113
	SD-0630 [1]	Base of Revetment	Oct 1970	169	177	173	68	75	55	75	78	141	79	89	78	140	91	208
	SD-0650	Beach Access														151	120	157
	SD-0660	Stairway														142	128	149
	SD-0670 [1, 3]	Lifeguard Tower	Apr 1957	87	162	100	113	110	128	101	105	189	122	194	142	238	132	276
	SD-0675 [2, 3]	Base of Bluff															100	124
	SD-0680 [3]	Base of Bluff		n/a									73	146	103	154	90	176
	SD-0690 [1, 2, 3]	Base of Bluff															81	111
	SD-0695 [2, 3]	Seawall															83	125
	SD-0700 [3]	Base of Bluff														99	89	102
	SD-0710 [1, 2]	Base of Bluff															148	225
	CB-0720	Parking Lot	Oct 1970	298	181	155	280	350	243	286	219	342	225	357	261	388	257	380
	CB-0740	Base of Bluff				58	171	146	147	157	100	127	87	128	108	160	100	129
	CB-0760	Base of Bluff			110	81	201	165	193	172	89	137	92	149	107	150	92	161
	CB-0775 [1, 2]	Base of bluff				99											120	223
	CB-0780	Base of bluff				5	189	202	145	179	109	194	103	174	129	181	126	203
	CB-0800	Base of Revetment			66	109	62	50	72	43	10	27	74	38	48	47	51	15
	CB-0820	Seawall					189	168	148	243	169	199	148	152	139	151	172	217
	CB-0830	Seawall			230	135	138	122	148	89	105	73	117	91	101	101	144	87
	CB-0840 [3]	Seawall				89	132	97	141	79	103	57	152	112	106	87	142	105
	CB-0850 [3]	Base of Bluff				125	122	111	113	134	100	92	139	130	118	117	133	163
	CB-0865 [1, 2, 3]	Stairway															89	200
	CB-0880 [1, 3]	Bluff/Seawall				145	135	76	130	134	104	115	126	113	86	130	109	158
	OS-0900 [3]	Base of Revetment				81	52	0	0	9	6	45	17	49	35	63	41	62
	OS-0915 [1, 2]	Stairway															77	189
	OS-0930 [1]	Base of Revetment	Jan 1972	67	104	110	51	50	65	39	86	64	71	92	61	82	63	189
	OS-1000	Access Road	Sep 1965	230	239	214			135	168	153	183	175	193	167	190	161	203
	OS-1030	Access Road	Oct 1963	390	400	258			332	282	262	243	260	229	260	261	256	245
	OS-1070	Access Road	Oct 1973	465	450	409			493	485	391	415	422	429	415	435	391	434

Note:
(1) Transect crosses RBSP receiver site (shown in red type).
(2) New transect established to support RBSP in Spring 2001.
(3) Transect used for monthly beach width measurements.
(4) Transect locations are indicated in Figures 10a and 10b.
(5) Beach widths prior to 1997 should be considered as approximate.
(6) No beach width calculated as the beach fronts the Tijuana River Estuary.