

OKHA - Kahana Bay Beach Park

Date first used	Kahana Bay Beach Park OKHA		Survey Dates																						
			8/9/94	1/19/95	9/12/95	3/9/96	8/24/96	2/23/97	8/6/97	1/5/98	7/23/98	12/16/98	7/27/99												
8/9/94	RP#1	Cassarina Tree (makai)	RP1	RP1	RP4	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP?												
8/9/94	RP#2 **	Cassarina Tree (mauka)	RP2	RP2	RP1	MFRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP?												
8/9/94	RP#3	Mauka Road	RP3	RP3	-	-	-	-	-	-	-	-	-												
8/9/94	RP#4	STAT"E" PARK Sign (mauka road)	RP4	RP4	RP2	BRP	-	-	-	-	-	-	-												
8/9/94	RP#5	Benchmark on bridge abutment	RP5	RP5	RP5	SRP	SRP	SRP	SRP	SRP	SRP	SRP	-												
1/19/95	RP#6 *	Mauka road on shoulder - GPS2	-	GPS2	-	MBRP	-	-	-	-	-	-	-												
1/19/95	RP#7	Benchmark at boat ramp - GPS1	-	GPS1	-	GP1	-	-	-	-	-	SRP	-												
1/19/95	RP#8	Elna Benchmark	-	ELNA	-	-	-	-	-	-	-	-	-												
	Start of Line bearing		near.sign 25°	swd.shldr -	swd.shldr -	swd.rd -	swd.rd 24°	swd.rd 24°	Indwd.rd -	swd.rd 25°	Indwd.rd 41°	BRP?	AT.FRP												
* = new PK nail or other marker																									
LOCATION:	Kahana Bay Beach Park located 20 - 30m west of bridge and across Kam Hwy from big wood "State Park" sign.																								
LINE-UP:	Two Casarinas on west side of path leading to beach and "E" in "State" of KVSP sign.																								
RP#1	Seaward Casarina tree west side of path leading to beach on small dune.																								
RP#2	Landward Casarina tree west side of beach access path landward of dune.																								
RP#3	Nail 3m from landward side of Hwy. in road, online.																								
RP#4	Nail 10cm seaward of "E" in "State Park" sign on ledge.																								
RP#5	Benchmark on west, seaward bridge abutment																								
RP#6	Landward side of road online on shoulder, 1.5m from edge of road and 1.5m from RP#3 --GPS 2.																								
RP#7	Benchmark on south side of boat ramp -- GPS 1.																								
GPS1	KHA1: RP7 - BM on south side of boatramp																								
GPS2	KHA2: RP6 - Mauka road shoulder																								
NOTES:																									
1/19/95	GPS Survey																								
7/27/99	No RP numbers identified on 7/99 survey																								
Preliminary GPS Positions (no final adjustment) <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">Longitude</th> <th style="text-align: center;">Latitude</th> <th style="text-align: center;">Elevation (meters above local tidal datum)</th> </tr> </thead> <tbody> <tr> <td>KHA1</td> <td style="text-align: center;">-157.875946</td> <td style="text-align: center;">21.558668</td> <td style="text-align: center;">1.476</td> </tr> <tr> <td>KHA2</td> <td style="text-align: center;">-157.875488</td> <td style="text-align: center;">21.556005</td> <td style="text-align: center;">2.562</td> </tr> </tbody> </table>															Longitude	Latitude	Elevation (meters above local tidal datum)	KHA1	-157.875946	21.558668	1.476	KHA2	-157.875488	21.556005	2.562
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KHA1	-157.875946	21.558668	1.476																						
KHA2	-157.875488	21.556005	2.562																						
*Primary GPS for elevation control; RP6/GPS2 = 2.562																									
**Primary reference point; RP2/BRP = 2.489																									