

OKHL - Wai'ala'e Beach Park, Kahala

Date first used	Wai'ala'e Beach Park, Kahala OKHL		Survey Dates			GPS															
			8/18/94	1/25/95	9/16/95	2/28/96	8/21/96	3/9/97	8/5/97	1/5/98	1/27/99	7/30/99									
8/18/94	RP#1	Apex of bridge wall (mauka/west corner)	RP1	RP1	RP1	-	SRP	SRP?	SRP	SRP	SRP	-									
8/18/94	RP#2	Makai bridge - base of 6th post	RP2	-	RP2	-	-	-	-	-	-	-									
8/18/94	RP#3	Center of manhole cover west of bridge	RP3	RP4	RP3	-	-	-	GPS	GPS	-	-									
8/18/94	RP#4	Landward end of wall	RP4	RP4	*BRP	-	*BRP	BRP?	BRP	*BRP	BRP	BRP?									
8/18/94	RP#5 **	Seaward end of wall	RP5	RP5	FRP	-	FRP	FRP?	FRP	FRP	FRP	FRP?									
2/28/96	RP#6 *	Nail 10" makai of center of manhole cover	-	-	-	*KHL1	-	-	-	-	-	-									
2/28/96	RP#7	Nail between 20th - 21st sidewalk tile	-	-	-	*KHL2	-	-	-	-	-	-									
	Start of line bearing		by.BRP 125°	swd.rd	Indwd.rd		swd.wall	by.BRP 125°	swd.wall 131°	swd.wall 120°	near.FRP	at.FRP									
* = new PK nail or other marker																					
LOCATION:	South end of Wai'ala'e Beach Park off of road to golf course off Kahala Ave.																				
LINE_UP:	Defined by white, 2m high, cinderblock wall at south edge of beach park across footbridge over river from parking area.																				
RP#1	Apex of west end of landward wall of seaward footbridge, at tip of pyramid.																				
RP#2	Base of nail on seaward side of vehicle bridge, seaward of 6th post (from west end) where bridge flattens out.																				
RP#3	Center of manhole cover located 3m seaward of road and 2m west of west end of vehicle bridge.																				
RP#4	Divot on top of landward end of wall 3m seaward of end of wall where it meets up with fence.																				
RP#5	Middle divot of five on top, park side corner, of seaward end of wall dividing private property from park.																				
RP#6	GPS1: PK nail in crack 10 inches seaward of edge of manhole cover in cement sidewalk. Approx. 2 feet east of rockwall 8" nw of metal pole.																				
RP#7	GPS2: PK nail in crack between sidewalk and curb on seaward side of road. Located between the 20th and 21st tile west of the bridge from the lower sidewalk (street level).																				
GPS1	KHL1: RP6																				
GPS2	KHL2: RP7																				
NOTES:																					
2/28/96	GPS Survey																				
3/9/97	No RP numbers identified.																				
7/30/99	No RP numbers identified.																				
<p>*Primary GPS for elevation control; RP3, proxy for RP6/KHL1 = -2.28 **Primary reference point; RP5/FRP = -0.524 *** USING RP3 LOCATION AS PROXY FOR KHL1 AS REAL GPS POSITION NEVER SURVEYED; HORIZONTAL WILL BE OFF, BUT VERTICAL SHOULD BE CLOSE VERTICALS SEEM PRETTY WACKY.</p>																					
<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;">GPS Positions Longitude</th> <th style="text-align: left;">Latitude</th> <th style="text-align: left;">Elevation (meters above local tidal datum)</th> </tr> </thead> <tbody> <tr> <td>KHL1</td> <td>-156.460556 20.8971</td> <td>2.987</td> </tr> <tr> <td>KHL2</td> <td>-156.460602 20.897163</td> <td>3.124</td> </tr> </tbody> </table>													GPS Positions Longitude	Latitude	Elevation (meters above local tidal datum)	KHL1	-156.460556 20.8971	2.987	KHL2	-156.460602 20.897163	3.124
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