### OSUN - Sunset Beach Park

**Date first used:**
- **8/10/94:** RP #1, #2, #3, #4
- **1/16/95:** RP #6
- **9/14/95:** RP #7
- **3/10/96:** RP #8
- **8/22/96:** RP #9
- **5/25/97:** RP #10
- **8/6/97:** RP #11
- **3/2/97:** RP #12
- **12/29/97:** RP #13
- **5/25/98:** RP #14
- **7/21/98:** RP #15
- **1/28/99:** RP #16
- **7/9/99:** RP #17

**Survey Dates:**
- **8/10/94:** RP #1, #2, #3, #4
- **1/16/95:** RP #6
- **9/14/95:** RP #7
- **3/10/96:** RP #8
- **8/22/96:** RP #9
- **5/25/97:** RP #10
- **8/6/97:** RP #11
- **3/2/97:** RP #12
- **12/29/97:** RP #13
- **5/25/98:** RP #14
- **7/21/98:** RP #15
- **1/28/99:** RP #16
- **7/9/99:** RP #17

<table>
<thead>
<tr>
<th>Date</th>
<th>RP#</th>
<th>Location</th>
<th>Reference Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/10/94</td>
<td>RP #1</td>
<td>2nd Palm (E to W) on beach</td>
<td>RP1(FRP)</td>
</tr>
<tr>
<td>8/10/94</td>
<td>RP #2</td>
<td>Telephone pole by Lifeguard tower</td>
<td>RP2</td>
</tr>
<tr>
<td>8/10/94</td>
<td>RP #3</td>
<td>Makai road (online)</td>
<td>RP3(MRP)</td>
</tr>
<tr>
<td>8/10/94</td>
<td>RP #4</td>
<td>Mauka road (online)</td>
<td>RP4(BRP)</td>
</tr>
<tr>
<td>8/10/94</td>
<td>RP #5</td>
<td>Sign on bridge guardrail</td>
<td>RP5</td>
</tr>
<tr>
<td>1/16/95</td>
<td>RP #6</td>
<td>Makai road, PK</td>
<td>GPS2</td>
</tr>
<tr>
<td>1/16/95</td>
<td>RP #7</td>
<td>Mauka road, PK in &quot;U&quot; in &quot;BUS&quot;</td>
<td>GPS1(BRP) RP1 BRP</td>
</tr>
</tbody>
</table>

**LOC:**
Sunset Beach Park along Kam Hwy. west of Paumalu Pl. and east of #59-142 Kam Hwy.

**LINE UP:**
- First group of 8 date palms on beach east of bridge. FRP is the 2nd palm (E to W) of the 5 seaward-most palms. The back line up is the 2nd tall ironwood (W to E) behind cyclone fence. (This does not include the small west-most ironwood at the west end of the fence.)
- RP#1: rusty nail protruding ~1" 0.7m (28") up on makai side of 2nd seaward palm WSW of lifeguard tower 25.
- RP#2: Nail sticking out ~0.7m up W side of unused utility pole 10m east of FRP and south of Lifeguard tower.
- RP#3: Nail on seaward side of Kamehameha Hwy. online with palm and 2nd Ironwood to East in front of 59-130 Kam Hwy.
- RP#4: Nail on landward side of road online with palm and ironwood.
- RP#5: Top bolt (of 2) in top hole of yellow/orange street marker at east end of landward guardrail flanking bridge just to west.
- RP#6: PK on landward side of Kam Hwy. 8' from edge of asphalt almost directly across street from center apex in "B".
- GPS1: SUN1 = RP7, New PK on landward side of Kam Hwy, centered and online with top edge of "U" painted Kam Hwy, at "BUS" stop, GPS1
- GPS2: SUN2 = RP6, New PK on seaward side of Kam Hwy, 8' from edge of asphalt almost directly across street from center apex in "B".

**NOTES:**
- 1/16/95 GPS Survey. SUN1, SUN2
- 9/14/95 GPS Survey. SUN2
- 7/9/99 No reference to RP numbers

**GPS Positions (Adjusted):**

<table>
<thead>
<tr>
<th>Location</th>
<th>Longitude</th>
<th>Latitude</th>
<th>Elevation (meters above local tidal datum)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUN1</td>
<td>-158.041107</td>
<td>21.672988</td>
<td>6.299</td>
</tr>
<tr>
<td>SUN2</td>
<td>-158.041183</td>
<td>21.673063</td>
<td>6.115</td>
</tr>
</tbody>
</table>

**Primary GPS for elevation control:** RP7/BRP/SUN1 = 6.299

**Primary reference point:** RP7/BRP = 6.299