



Access Recreation Group, LLC

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Sleeping Bear Dunes Beach/Water Access Site Accessibility Evaluation & Design Recommendations

Beach/Water Access Site: Good Harbor Beach


Date Assessed: 9/27/15



Overall Barrier Descriptions:	General Barrier Removal Strategies & Recommendations
Parking: none	none
Routes to Waters' Edge: slopes, surface, country road end	Beach Access Route w/ over the sand product that can be leveled
Amenities (toilets, picnic tables & grills, information, potable water) changes of level, width, surface, operating, clear space	add universally accessible single user extra-large family style toilet replace lock operating mechanism
Beach Equipment (beach wheelchair, transfer system) design, location	new beach chair, shore platform, beach-to-water transfer system




Website & Equipment Program Recommendations:


Show photos of the new route & shore line platform and transfer system.


Post a sign at the accessible parking space with a photo of the new beach chair and instructions on how to request the use of the chair. Consider having the chair on-site with a lock & call # so people can call for the code to unlock & use.


Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="94 170 577 203">Beach Access Routes to Waters' Edge</p> 	<p data-bbox="735 203 1228 276">No accessible Beach Access Route to the water's edge.</p> <p data-bbox="735 316 1228 535">The route to the beach and water's edge is 125' of sloping inaccessible sand. There is a sign indicating county road property to the water. Slopes: 19%, 14.9%, 19.8%, 41.2%, 10.2%, 4.7%, 6.3%, 7.9%</p> <p data-bbox="735 576 1228 649">3" change of level from the asphalt to the inaccessible sand surface</p> <p data-bbox="735 690 1228 795">45' from asphalt to sign. First 25' has some large gravel mixed in with the sand, next 20' soft sand.</p> <p data-bbox="735 836 1228 909">80' from the sign to the water's edge, soft sand to high water mark</p>	<p data-bbox="1260 170 2005 462">It may not be possible to make any route improvements on the road end property but the park may be able to add and accessible over-the-sand walk way to the high water mark. Consider a flow-thru docking material or the EZ Trail product. These are both temporary/portable surfaces that are put in for the season & removed for the winter. Both provide dune protection while directing human behavior and making the beach more universally accessible.</p> <p data-bbox="1260 503 2005 576">Go above the 60" allowed minimum width to at least 6' wide to allow passing on the route as well as side-by-side walking</p> <p data-bbox="1260 617 2005 722">Keep running slope to less than 5% where possible & no steeper than the allowable 10% max. for very short segments (less than the 30' max. allowable)</p> <p data-bbox="1260 763 2005 836">provide level landings 6'X6' at the top and bottom of any steep slope segment greater than 5% slope</p> <p data-bbox="1260 876 2005 1015">Recommend extending the new beach route surface to the high water mark and create a large water's edge platform for a "hanging out space that is off to both sides of the route end.</p> <p data-bbox="1260 1055 2005 1128">Recommend adding a gangway off the route end as close to the water's edge as practical.</p> <p data-bbox="1260 1169 2005 1274">Recommend adding a beach to water transfer system from the beach platform to the water's edge to facilitate access into the water.</p>


Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="94 142 319 167">Beach Wheelchair</p> 	<p data-bbox="739 180 1228 280">Old design of beach chair is very heavy and difficult to push on the sand (even with no one in it!!)</p>	<p data-bbox="1266 142 2003 500">Recommend replacing the old beach chair with a newer more user friendly model and keeping this old chair available for use as a trail hiking chair on trails with relatively level packed earth surfaces with trail treads at least 4'wide. Post a sign at the accessible parking space with a photo of the new beach chair and instructions on how to request the use of the chair. Consider having the chair on-site with a lock & call # so people can call for the code to unlock & use.</p>
Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="94 553 319 578">Information Kiosk</p> 	<p data-bbox="739 626 1228 688">Route to kiosk too narrow at 24" where it connects to the route</p> <p data-bbox="739 995 1228 1096">No accessible surface & a change of level drop off in the clear space under the kiosk</p> <p data-bbox="739 1365 1167 1390">Clear space too narrow on all sides</p>	<p data-bbox="1266 587 2003 727">Replace the surface to the kiosk and around and under the kiosk creating a smooth seamless route and clear space so wheels don't fall off the route. This will also make maintenance of the area easier as well.</p> <p data-bbox="1266 773 2003 948">Kiosk height meets current ADA minimum requirements, but to make the information more universally accessible, suggest lowering kiosk so information is centered at 48" which is more viewable from a seated position as well as for children.</p>

Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p>Toilets</p>   	<p>2" change of level due to sinking concrete entry pad</p> <p>Interior space too small to accommodate someone using the beach wheelchair</p> <p>Lock requires pinch-grasp/wrist-twist to operate.</p>	<p>Level the concrete entry pad to eliminate the step up into the toilet</p> <p>Clear space may not meet the required space configuration for toilet rooms - check the design plans from the manufacture to confirm compliance with ADA space requirements. If it is determined that the design is indeed accessible mark as such with appropriate signage with Braille and mount signs on the latch side of the door.</p> <p>If it is determined that the existing toilet design doesn't meet accessibility requirements add a new universally accessible single user family toilet room with extra-large clear space & a baby changer. The larger space will accommodate someone using a wheelchair or an opposite gender care giver assisting someone, as well as families with a little one in a stroller.</p> <p>Replace lock with same design as women's door that does not require pinch-grasp/wrist-twist operation.</p>

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<p>Potable water source</p> 	<p>Water was turned off so couldn't test the arch of the water height.</p>	<p>Check water flow in the spring to make sure it is high enough (4" min.) to place a cup under.</p>

Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="94 178 252 203">Picnic tables</p> 	<p data-bbox="735 211 1218 324">Clear space around the tables at both sites is narrowed due to encroaching vegetation & drifted sand</p>	<p data-bbox="1260 211 1995 324">The clear space meets the minimum requirements for ADA compliance if the encroaching vegetation is kept cleared from the perimeter and the route to the table.</p> <p data-bbox="1260 357 1995 470">Recommendation for future design is to enlarge the clear space by 1' to be more universally accessible and user-friendly.</p>

Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="100 142 441 170">Fee envelopes & pay station</p> 	<p data-bbox="739 181 1218 284">Route to fee envelope dispenser & fee payment post has inaccessible sand surface.</p> <p data-bbox="739 771 1201 836">The design of the dispenser requires pinch grasp to operate</p>	<p data-bbox="1268 181 1890 246">Add accessible surface in the clear space of the information kiosk, fee envelop box & pay fee post.</p> <p data-bbox="1268 292 1990 357">Change the design of the envelop dispenser to a style that doesn't require tight pinch grasp to operate.</p>

Photo/Location Description	Barrier Description	Accessibility Feature Design Recommendations
<p data-bbox="94 175 325 207">Accessible parking</p> 	<p data-bbox="739 215 802 240">none</p>	<p data-bbox="1266 215 1329 240">none</p>