

South Haven

The City of South Haven has identified two access sites for improvement. The first and primary access site for paddlers along the Lake Michigan Water Trail and the Bangor to South Haven Heritage Water Trail is located at Black River Park. In 2015, the city made substantial improvements to the park, including accessible parking spaces for trailers, picnic areas, improved routes from the parking lot to the kayak launch and a staging area. An accessible kayak launch is planned to be installed at the park in 2016.



Existing Site



Trailhead

New trailhead amenities at the Black River Park could include the access launch, a paddler's plaza, kayak storage, an interpretive kiosks and wayfinding signage.

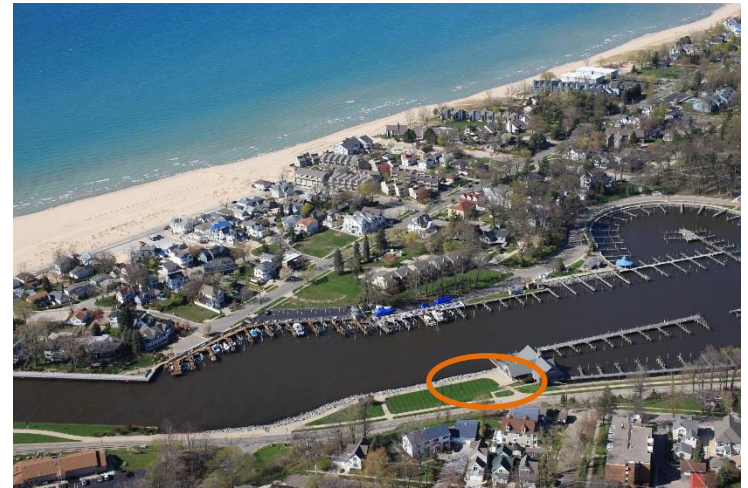
Before Treatment



After Treatment



The second access site for paddlers along the Lake Michigan Water Trail and the Bangor to South Haven Heritage Water Trail is the South Haven Municipal Marina. The Marina already has a small floating pad for dingy parking. This pad could be extended to allow for additional temporary kayak storage. Due to heavy motorized boat traffic near the marina, paddlers will be encouraged to use the Black River Park Canoe and Kayak Launch to access the water trails. To help alleviate kayak storage in this area during the busy summer months, a kayak storage locker could also be placed behind the marina office and away from pedestrian traffic.



Before Treatment



After Treatment



Before Treatment



After Treatment



The Kal-Haven Trail and the Van Buren Trail converge at a trailhead along Huron Street in downtown South Haven. The trailhead provides direct access to the downtown and features ample parking, bike racks, restroom facilities and wayfinding maps. Every effort should be made to direct trail users to this centrally located trailhead. An additional amenity could include a covered bike rack system, to protect bicycle from the elements. In addition, a mural welcoming trail users could also be placed on the exterior of the restroom.

Before Treatment



After Treatment



Before Treatment



After Treatment



Gateway Features

Currently, there is no formal gateway feature (connecting element) into downtown South Haven from both the Kal Haven Trail and the Van Buren Trail. Conversely, there is no formal gateway feature at the trailhead of the two trail systems from the downtown. The city should work with the Michigan Department of Natural Resources to develop gateway features that welcome trail users onto the trail and into the downtown.

Before Treatment



After Treatment



Before Treatment



After Treatment



Wayfinding

The connecting pathway between downtown South Haven and the Kal-Haven trailhead meanders over a mile through the city. There are a number of signs along the way that direct trail users at key intersections through the city to the trailhead. In an effort to better inform the trail user about the distance to the trailhead, the city should place the distance in miles on the directional signs. The city should also include the Kal-Haven and Van Buren Trails, U.S. Bike Route 35, and the Lake Michigan and Bangor to South Haven Heritage Water Trails on the wayfinding maps and signs within the downtown.

Before Treatment



After Treatment



Before Treatment



After Treatment



Before Treatment



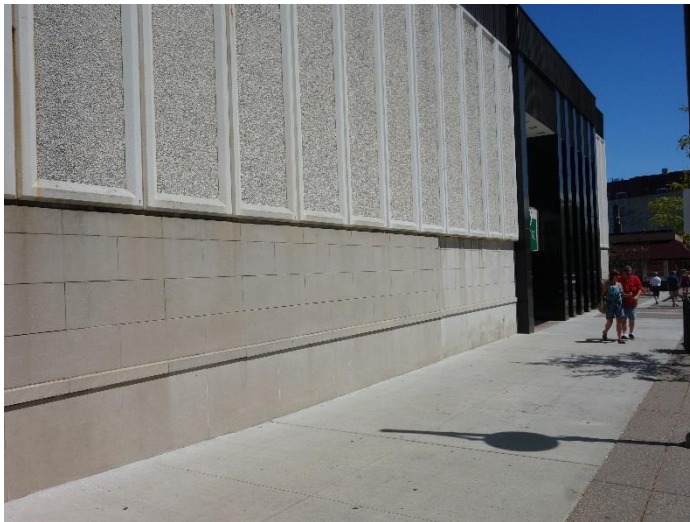
After Treatment



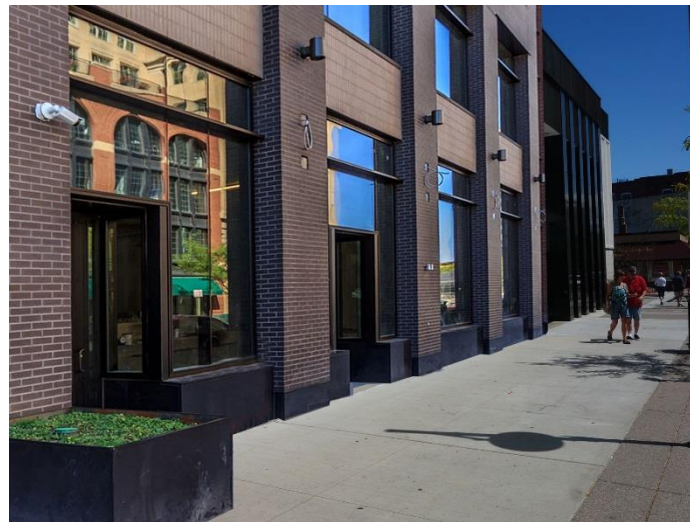
Enhancing and Maintaining Pedestrian Amenities and Building Form

Providing for pedestrian connections and amenities along the trail-to-town route and within the downtown is important in creating a friendly pedestrian and trail-tourist environment. The wide sidewalks within downtown South Haven, outdoor cafés, narrow streets, and intersection bump-outs support and encourage pedestrian activity. The city should continue to pursue redeveloping outdated buildings into buildings that add to the existing façade treatment and character of the downtown.

Before Treatment



After Treatment



Additional Recommendations

The city should develop the area adjacent to the South Haven Visitors Bureau into a central downtown depot for trail users and bicyclists. The Visitors Bureau provides great information about the community as well as public restrooms. New amenities could include bikes racks, a bike repair station, water fountain and trail/downtown kiosk.





Access Recreation Group, LLC

Cindy Burkhour, MA, CTRS, CPRP

2454 Lamplighter Drive, Jenison, MI 49428-9127

Phone (616)669-9109 Mobile (616)560-2378

AccessRecreationGroup@juno.com

Launch Site Accessibility Evaluation & Design Recommendations

Location: South Haven - Black River Park
Date/Time: August 12, 2015 / 1:00pm
Contact: Kate Hosier
Assistant City Manager/Harbormaster
Phone: 269-637-0775
Email: khosier@south-haven.com

Access Recreation Group Volunteers:

Rod Ritchison
Gina Lago
Jim Lago

Additional Site Evaluation Notes:

Universal design concepts to guide the development of site amenities...

By defining spaces & directing human behavior we protect the environment and enhance accessibility for everyone!

Accessible route surfaces must be firm & stable...concrete, asphalt, boardwalk, well compacted crushed aggregate/fines (NOT woodchips or grass)

Accessible routes should be at least 10' - 12' wide to accommodate two person/two vessel carries

Accessible routes should have less than 5% running slope with less than 2% cross slope

Accessible routes should surround all amenities & be at least 4' wide surrounding the entire element

Accessible routes should be smooth with no changes of level at edges and connections to entry/exits & into/onto site elements/amenities



Photo	Location Description	Accessibility Feature Design Recommendations
	<p>EZ Launch on the proposed plan is a one-way parallel to the shore at about this location. Current design on the concept plan requires paddlers coming from upstream side of the river to pass the launch, turn around & paddle upstream into the launch...</p>	<p>I suggest a two-way launch (see drawing) because paddlers will be coming downstream from the Black River & upstream from Lake Michigan. A two way design helps paddlers approach from either direction.</p>
	<p>Water trail flag</p>	<p>Place water trail flag on the universally accessible EZ Launch. Place the water trail flag on the launch so it is viewable for paddlers approaching from either direction from the channel to Lake Michigan or upstream from the Black River.</p>


Photo	Location Description	Accessibility Feature Design Recommendations
	<p>Accessible routes from parking to the new launch site on the plan are only 6' wide which can make a two person vessel carry down difficult</p>	<p>Consider widening the accessible routes on the plan to create a gently curving accessible route 10' - 12' wide (this accommodates two person/two vessel carry down) with slopes less than 5% from the launch to the kayak/canoe storage lockbox and both accessible parking areas.</p> <p>Routes connecting to other park amenities such as restrooms, picnic table, and information kiosks can remain 6' wide.</p> <p>Consider adding an accessible route to the water's edge where the sandy beach area is with something like a Bock Dock or Mobimat (see drawing)</p>



Photo	Location Description	Accessibility Feature Design Recommendations
	<p>Kayak/canoe storage lock-up location indicated on the plan is not on accessible surface or connected to the accessible route...</p>	<p>The kayak/canoe storage lock-up will be about 8' wide & 22' long. The paddler should be able to carry their vessel and slide it into/onto the lock-up without making a sharp turn, in other words parallel to the accessible route from the launch. (see drawing for suggested location)</p>
Photo	Location Description	Accessibility Feature Design Recommendations
	<p>On the new site plan, the relocation of the information kiosk is not located on an accessible route and has no accessible surface in the required clear space surrounding it.</p> <p>The kiosk itself is not accessible design, information is too high & not viewable from a seated position and the current kiosk information could be enhanced with the addition of trail town information.</p>	<p>At relocation spot indicated on the plan place kiosk on accessible surface and include water trail information on one half and trail town information on the other. Lower the kiosk so it is viewable from a seated position. Make sure surface extends under the kiosk so someone can roll up for very close viewing without their front wheels dropping off the concrete.</p> <p>Consider locating a second kiosk near the top of the accessible route from the launch next to the kayak/canoe storage lock-up. Create a paddles welcome plaza off the accessible route so those viewing the kiosk information are not in the accessible route. (see drawing)</p>




Photo	Location Description	Accessibility Feature Design Recommendations
	<p>Toilets/showers</p> <p>Located at the marina and for marina use only? Will the use policy change so paddlers have access?</p>	<p>Make sure there is an accessible route from the launch to the nearest accessible toilets & provide directional information on the kiosk at the launch.</p> <p>Suggest adding a single user unisex accessible toilet room so opposite gender care givers can assist someone with a disability in a private & dignified manner. These family friendly single user toilet rooms with baby changers accommodate opposite gender parents to assist their child. These rooms are large enough to accommodate someone using a wheelchair or parents with strollers.</p>
Photo	Location Description	Accessibility Feature Design Recommendations
	<p>Potable water source</p> <p>Located at the marina?</p>	<p>Consider adding a water bottle fill type water source.</p>
Photo	Location Description	Accessibility Feature Design Recommendations
	<p>Accessible parking is addressed on the proposed plan and appropriately located in the free lot area and the paid lot area. Accessible car/boat trailer parking is also indicated on the plan.</p>	<p>None, the proposed plan looks good.</p>

Photo	Location Description	Accessibility Feature Design Recommendations
	<p>The new plan does not indicate any grills or tables only benches...??</p> <p>Current picnic tables & grills are not accessible design and are not located on accessible routes or on accessible surface.</p>	<p>Suggest adding universally accessible design tables such as the "Spider" table (by Wabash Valley) and accessible design grills that can be operated with ease with one hand to raise and lower the grill surface. Locate all such amenities on accessible surface completing surrounding the element with an accessible surfaced route at least 4' wide around the entire perimeter of the element which will make it universally accessible.</p> <p>Make sure that each bench has adequate clear space at both ends & don't put a trash can there either.</p>

OHWM = 581.97 (NAVD 88)
 LWD = 577.97 (NAVD 88)

NOTE:
 ALL ELEVATIONS SHOWN REFERENCE
 VERTICAL DATUM NAVD 88.

DATUM CONVERSIONS:
 (NGVD 29 - 0.48 = NAVD 88)
 (NGVD 29 - 0.95 = IGLD 85)
 (NAVD 88 - 0.47 = IGLD 85)

Black River Park South Haven, Michigan

**CITY OF SOUTH HAVEN
 CZM KAYAK LAUNCH**

WATER TRAIL IMPLEMENTATION

PROJECT: CITY OF SOUTH HAVEN
 SHEET TITLE: WATER TRAIL IMPLEMENTATION
 DRAWN BY: DJL
 DESIGNED BY:
 FM REVIEW:
 QA/QC REVIEW:
 DATE: MAY 2015
 SEAL:
 SIGNATURE:
 DATE:
 HARD COPY IS INTENDED TO BE 24" X 36" WHEN PLOTTED. SCALE(S) INDICATED AND GRAPHIC QUALITY MAY NOT BE ACCURATE FOR ANY OTHER SIZES.
 SCALE: HORZ: 1"=10'
 VERT: N/A
 ACI JOB #: 15-0176
 SHEET NO.: 1 of 2



EXAMPLE OF LAUNCH

E:\CIVIL_3DWORKING_2015\150176\15-0176-SH-CZM-KAYAK-LAUNCH.dwg (15-0176) 18:58:48 18 SCALE: 1/8"=10' 5/7/2015 2:28:34 PM, unhealed, L1

NO.	REVISION DESCRIPTION:	BY:	DATE: