

The Marty Jordan

South Haven City

Beach Safety Program



Created/Revised:

Created: April 15, 2014

Revised: July 8, 2019

Revised: March 8, 2023

Revised: May 8, 2024



The Marty Jordan/South Haven City Beach and Pier Safety Program

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INTRODUCTION

Beach safety is important because it educates and promotes safety. The City of South Haven is fortunate to have seven public beaches or access sites. The North and South Beaches are the largest and most frequently used. Both have concession stands, restrooms, and parking areas. South Beach has children's playground equipment and our big red lighthouse. North Beach has children's playground equipment and is set up for volleyball games. Except for Packard Park which offers restrooms, grills and picnic tables, the beach access sites do not offer any amenities other than sun, sand, and Lake Michigan.

To keep these beaches clean and safe for everyone's enjoyment the City of South Haven has adopted RESOLUTION NO. 07-26: A resolution establishing a water safety program in the City of South Haven. A copy of the resolution follows.

RESOLUTION NO 07-26

CITY OF SOUTH HAVEN
VAN BUREN AND ALLEGAN COUNTIES, MICHIGAN

RESOLUTION NO. 07-26

A RESOLUTION ESTABLISHING A WATER SAFETY PROGRAM IN THE CITY OF SOUTH HAVEN

Minutes of a regular meeting of the City Council of the City of South Haven, Van Buren and Allegan Counties, Michigan, held in the City Hall, 539 Phoenix Street, South Haven, Michigan 49090 on May 7, 2007 at 7:30 p.m. local time.

PRESENT: Andersen, Bradley, Fahs, Paull, Smith, Stegeman, Appleyard
ABSENT: None

The following preamble and resolution was offered by Member Smith and supported by Member Andersen.

WHEREAS, it has been six years since a thorough review of water safety policies have occurred; and

WHEREAS, the safety record in waters near South Haven's public beaches compares favorably to other public beaches in southwest Michigan; and

WHEREAS, it is good management practice to periodically review policies and practices; and

WHEREAS, in the fall of 2006, the City of South Haven initiated a task force of southwest Michigan communities to review practices along the Lake Michigan shoreline; and

WHEREAS, the task force reviewed numerous public safety techniques that are being implemented; and

WHEREAS, through meetings of the task force it is apparent that there are unique conditions present in each community that impact the type of water safety policies implemented in each community.

THEREFORE BE IT RESOLVED, that the City of South Haven shall place bi-lingual warning signs at each beach consistent with Corp of Engineers (COE) warning sign manual and NOAA-USLA rip current sign recommendation. Signs shall be inspected weekly and, if damaged, replaced in a timely manner.

BE IT FURTHER RESOLVED, that the City of South Haven shall place three throw rings on each pier. The City Manager shall be authorized to sign required license agreements with the COE. Since it would be unsafe for employees to walk on the piers during the winter weather, throw rings shall be maintained only from April 15 through October 15 each year. One sign notifying the public of this policy shall be placed on each pier. Throw rings shall be visually inspected each day from April 15 through October 15 and, if missing, replaced in a timely manner.

Resolution 07.26

- 1 -

BE IT FURTHER RESOLVED that the City of South Haven continues to lead and collaborate with other lakeshore communities to improve education, adopt standards of care and promote legislation that supports municipal immunity.

BE IT FURTHER RESOLVED, that this resolution shall take effect upon passage by the City Council.

RECORD OF VOTE:

Yeas: Andersen, Paull, Smith, Stegeman, Appleyard

Nays: Bradley, Fahs

RESOLUTION DECLARED ADOPTED.


Dorothy Appleyard, Mayor


Amanda Sleigh, City Clerk

SECTION A: GENERAL BEACH SAFETY

A.1: Park Rules

- North and South Beach close at 11:00 p.m.
- No lifeguards on duty
- All other beaches close at 10:00 p.m.
- No alcoholic beverages or smoking permitted.
- No animals or glass on beach.
- Non-authorized motorized vehicles are prohibited on the beach.

A.2: Beach Cleaner

- Vehicle that scoops or drags a sifting device over beach sand to remove small litter and debris.
- Beach cleaner results in a level, clean, safe and well-groomed beach.
- Beach cleaner operates at least twice a week.
- Parking fees collected through the “park and pay program” are used to fund beach cleaning.



 City of South Haven

PARK RULES

Park Hours: Sunrise – 11 PM
No Lifeguards, Swim At Your Own Risk

 NO SMOKING	 NO ANIMALS ON BEACH
 NO FIRES OR FIREWORKS	 NO GLASS CONTAINERS OR ALCOHOLIC BEVERAGES

**NOISE ORDINANCE ENFORCED AS
GOVERNED BY LOCAL ORDINANCE**

SECTION B: SIGNAGE

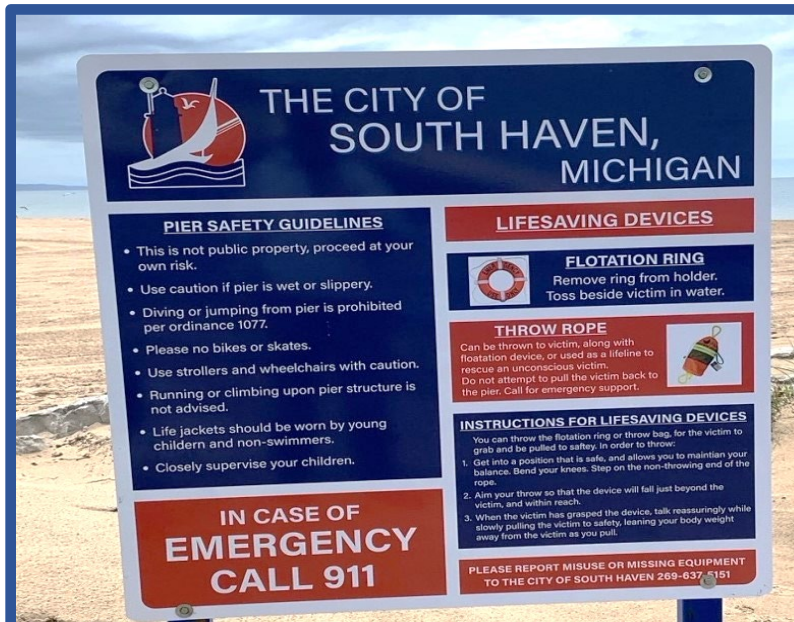
B.1: Stay Safe Sign

- Informs that no lifeguard is on duty and to swim at your own risk.
- Informs visitors that high waves, strong currents, and rip current may exist.
- Information about what to do if caught in a rip current.
- Provides a visual representation of information.
- Standard sign provided by NOAA.
- Includes information on flag warning system (see page 11)
- Displayed in English and Spanish.
- Located at every beach access point.
- 15 signs placed throughout all public beaches.
- Remain up year-round.
- Maintained by the City of South Haven.



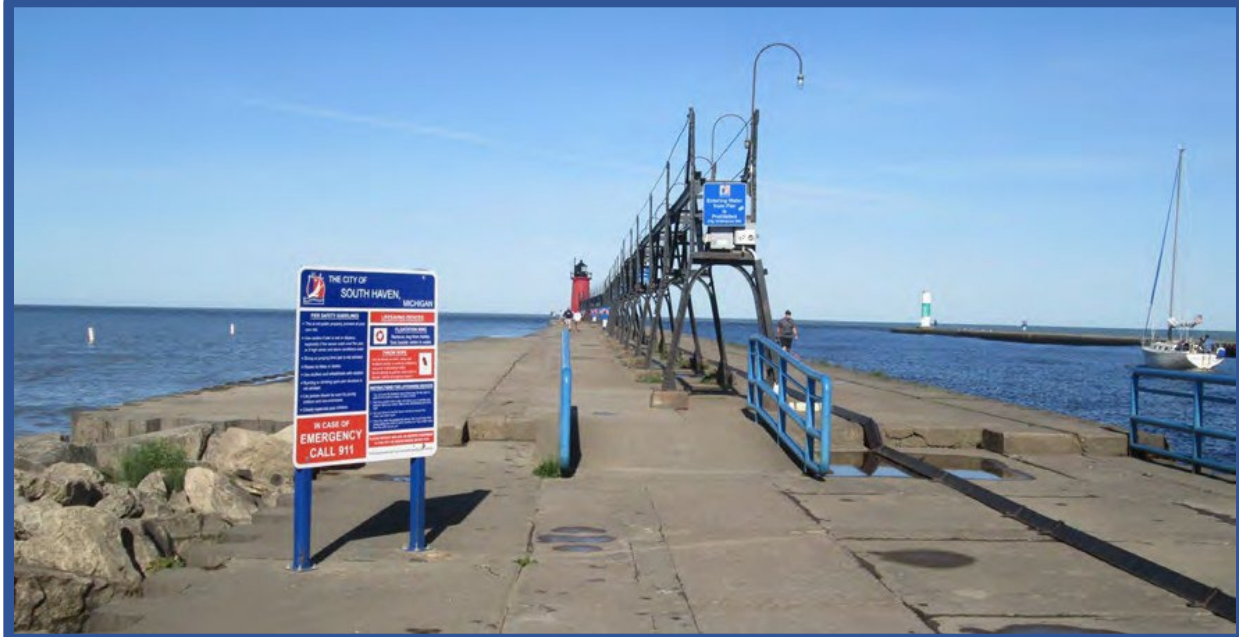
B.2: Pier Safety Sign

- Informs of pier safety guidelines.
- Informs of ordinance 1077
- Information about lifesaving devices placed on pier and procedure for their use.
- Placed near entrance to pier.
- Maintained by the City of South Haven.



Views of the pier safety sign located near the entrance of the South Pier.

Please note that there is a similar sign at the entrance of the North Pier.



B.3: Corps of Engineers Signs

- Warns of the dangers on the pier.
- Large yellow warning sign is double sided.
- Placed near entrance to pier.
- Remains up year-round.
- Maintained by the City of South Haven and/or the Army Corps.



B.4: No Swimming or Diving

- Painted on concrete in front of ladders.
- Maintained by Corps of Engineers.
- See photo below on the left.

City Ordinance 963, Section 1, Adopted 1/3/22, Effective 1/23/22 Sec. 58-101. Lake Michigan Piers.

(a) It shall be unlawful for any person to:

- (1) Dive or jump from a Lake Michigan pier.
- (2) Swim within fifty feet (50') from a Lake Michigan pier.
- (3) Push, shove, or cause any person to fall, dive or jump from any portion of a pier into Lake Michigan or the Black River.
- (4) Enter onto or remain upon a Lake Michigan pier that has been closed by the city manager, police chief, harbormaster, or the director of the South Haven Area Emergency Services Authority (SHAES) due to wind conditions on Lake Michigan that have attained a magnitude whereby 1/3 of the waves cause the pier to become awash. During such closures, the entrance of the pier shall be barricaded and notice of the closure shall be posted in a conspicuous manner.

(b) Any person who violates any provision of this section shall be responsible for a municipal civil infraction and subject to a fine of \$1,000.

B.5: Entering Water from Pier is Prohibited Signage

- City Ordinance 963
- See photo below on the right.



B.6: Swimming Prohibited within 50 Feet of Pier

- City Ordinance 963 (see previous page)
- Double sided signs at both North Beach and South Beach



B.7: Beach Warning Flag Sign












B.8: Beach Sign Locations



North Beach - Sign Locations

Signs

-  Do Not Enter Pier
-  No Swimming within 50 ft of Pier
-  End of Public Beach
-  Beach Rules
-  No Dogs
-  Pay to Park
-  Entering Water from Pier Prohibited
-  Stay Safe
-  Pier Safety Sign



Lake Michigan



Black River

Sign Inventory: 5/13/2024
Aerial: Spring 2022

Woodman Beach - Sign Locations



Dyckman Beach - Sign Locations

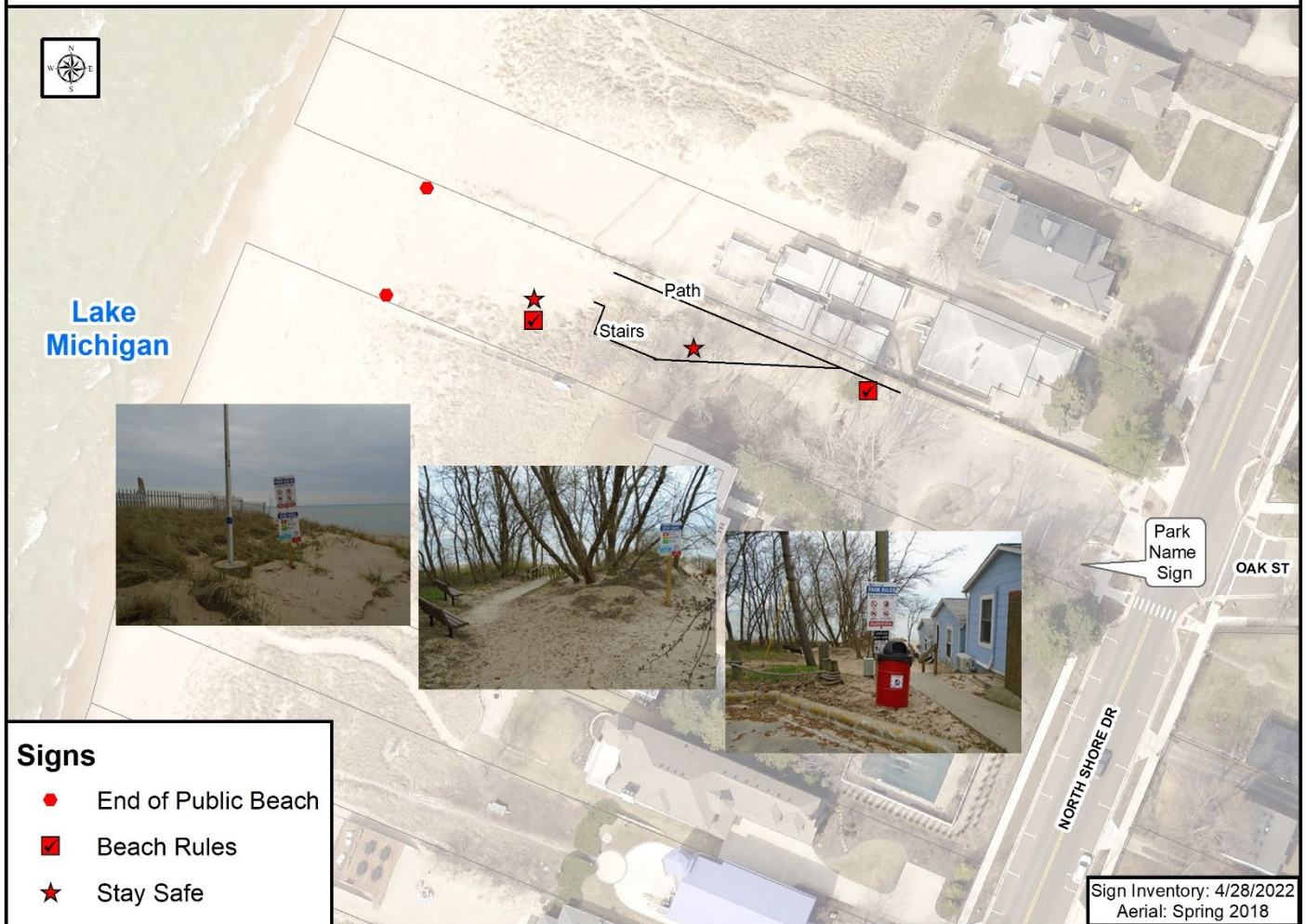


Sign Inventory: 4/28/2022
Aerial: Spring 2018

Packard Park - Sign Locations



Oak Street Beach - Sign Locations



Newcome Beach Access - Sign Locations

Signs

- End of Public Beach
- ☑ Beach Rules
- 🚫 No Dogs
- ★ Stay Safe



Park
Name
Sign

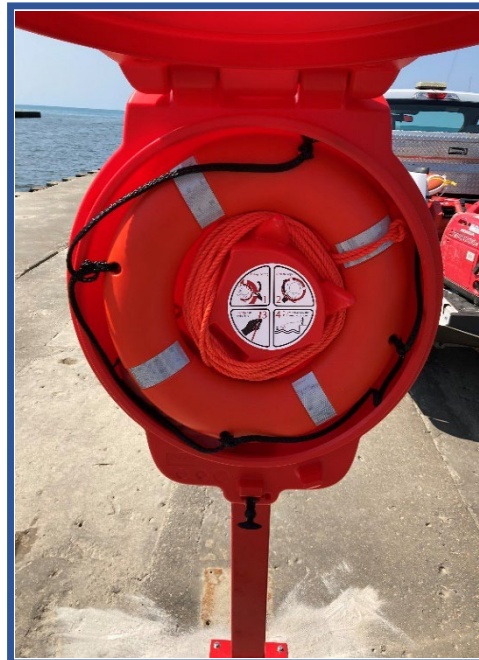
NORTH SHORE DR

Sign Inventory: 4/28/2022
Aerial: Spring 2018

SECTION C: LIFESAVING DEVICES

C.1: Life Ring Information

- Floatable industrial ring buoy measuring 24" with 100' of rope.
- Three life rings on each pier, spread evenly apart.
- Molded from tough polyurethane plastic, this heavy-duty buoy resists common chemicals, marine oils, and UV rays.
- Enclosed in cases, allowing the life rings and bags to be on the piers year-round.
- Piers owned by the Corps of Engineers.
- City has obtained a license from Corps of Engineers.
- License granted for five years.
- Life rings are visually inspected every day from April 15 - October 15.
- Inspections are logged.
- If missing, equipment is replaced in a timely manner.

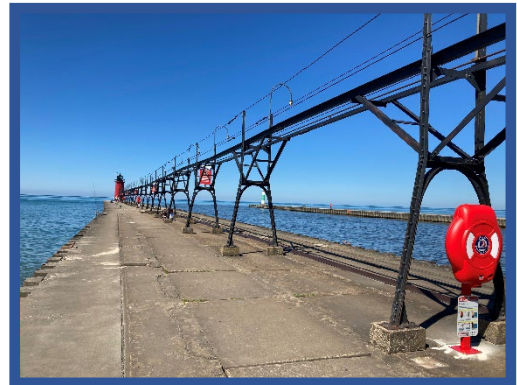


The following are instructions for using the life ring which can also be found on a sign before entering the pier and on the life ring posts. You can throw the floatation ring or throw bag for the victim to grab and be pulled to safety. In order to throw:

- Get into a position that is safe and allows you to maintain your balance. Bend your knees. Step on the non-throwing end of the rope.
- Aim your throw so that the device will fall just beyond the victim and within reach.
- When the victim has grasped the device, talk reassuringly while slowly pulling the victim to safety, leaning your body weight away from the victim as you pull.

C.2: Throw Bags Information

- Rescue device with a length of rope stuffed loosely into a bag so it can pay out through the top when the bag is thrown to a swimmer.
- Made from weather-resistant, tough cordura fabric, filled with 90 ft of highly visible 3/8" polypropylene floating rope.
- Can be thrown to a victim, along with a floatation device, or used as a lifeline to rescue a victim.
- Do not attempt to pull the victim back to the pier, call for emergency support.
- Three throw bags on each pier, located in the enclosed life ring cases.
- Approved by the USCG.
- Piers owned by the Corps of Engineers.
- City obtained a license from Corps of Engineers (pg. C3).
- License granted for five years.
- Life rings are visually inspected every day from April 15 - October 15.
- Inspections are logged.
- If missing, equipment is replaced in a timely manner.



The following are instructions for using the life ring which can also be found on a sign before entering the pier. You can throw the floatation ring or throw bag for the victim to grab and be pulled to safety. In order to throw:



- Get into a position that is safe and allows you to maintain your balance. Bend your knees. Step on the non-throwing end of the rope.
- Aim your throw so that the device will fall just beyond the victim and within reach.
- When the victim has grasped the device, talk reassuringly while slowly pulling the victim to safety, leaning your body weight away from the victim as you pull.

C.3: Corps of Engineers License Sample

**DEPARTMENT OF THE ARMY
DETROIT DISTRICT, CORPS OF ENGINEERS
SUPPLEMENTAL AGREEMENT NO. 1
TO DEPARTMENT OF THE ARMY LICENSE NO. W911XK-3-07-3007**

THIS SUPPLEMENTAL AGREEMENT entered into this 28th day of June, 2012
by and between **THE CITY OF SOUTH HAVEN, MICHIGAN**, hereinafter called the grantee and the **SECRETARY
OF THE ARMY**, hereinafter called the government.

WITNESSETH:

WHEREAS, the parties hereto entered into Department of the Army License No. W911XK-3-07-3007 for the installation, operation and maintenance of pier safety devices on the U.S. North and South Piers at the South Haven Harbor Federal Navigation Project; and also entered into Department of the Army License No. DACW35-3-01-3002 dated 23 January 2001, which authorized the operation and maintenance of a catwalk on the U.S. Government South Pier at the South Haven Harbor Federal navigation Project; and

WHEREAS, the respective licenses, will expire by its own terms on 9 May 2012 and 31 December 2012; and

WHEREAS, the grantee has requested an extension of the licenses beyond their expiration dates and the government has no objection to the requested extensions; and,

WHEREAS, the government has elected to consolidate the licenses into the same file for improved file management.

NOW, THEREFORE, effective 1 March 2012, the licenses are modified in the following particulars, but in no others:

The following Condition is **ADDED** hereto and made part of the license: "17 (f) This license consolidates previously authorized activities in License DACW35-3-01-3002 (for the operation and management of the Catwalk on the U.S. South Pier) into License W911XK-3-07-3007 which authorized the installation, operation and management of pier safety devices on the U.S. North and South Piers."

Condition No. 1 is **REPLACED** its entirety with the following: "This license is granted for a term of five (5) years, beginning 1 March 2012 and ending 28 February 2017."

EXCEPT AS MODIFIED ABOVE, all other terms and conditions of the license, remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Supplemental Agreement No. 1 on the date first above written.

THE CITY OF SOUTH HAVEN, MICHIGAN

(signature)

Brian Dissette (printed name)

(title)

**BY AUTHORITY OF THE
SECRETARY OF THE ARMY**

VICTOR L. KOTWICKI
Real Estate Contracting Officer
Detroit, Buffalo and Chicago Districts

DEPARTMENT OF THE ARMY LICENSE

SOUTH HAVEN HARBOR FEDERAL NAVIGATION PROJECT

VAN BUREN COUNTY, MICHIGAN

THE SECRETARY OF THE ARMY, hereinafter referred to as the Secretary, under authority of General Administrative Powers, hereby grants to the CITY OF SOUTH HAVEN, MICHIGAN hereinafter referred to as the grantee, a license for construction, operation and maintenance of pier safety devices on the U.S. North and South Piers at the South Haven Harbor Federal Navigation Project, Michigan, over, across, in and upon lands of the United States, as identified in Exhibit "A", attached hereto and made a part hereof, hereinafter referred to as the premises.

THIS LICENSE is granted subject to the following conditions.

1. TERM

This license is granted for a term of five (5) years, beginning May 10, 2007 and ending May 9, 2012, but revocable at will by the Secretary.

2. CONSIDERATION

The consideration for this license shall be the construction, operation and maintenance of the pier safety devices on the premises for the benefit of the general public in accordance with the terms and conditions hereinafter set forth.

3. NOTICES

All notices and correspondence to be given pursuant to this license shall be addressed, if to the grantee, to the City of South Haven, Department of Parks and Cemeteries, City Hall, 539 Phoenix Street, South Haven, Michigan 49090-1499; and if to the United States, to the U.S. Army Engineer District, Detroit, ATTN: Chief, Real Estate Division, P.O. Box 1027, Detroit, Michigan 48231-1027, or as may from time to time otherwise be directed by the parties. Notice shall be deemed to have been duly given if and when enclosed in a properly sealed envelope addressed as aforesaid, and deposited, postage prepaid, in a post office regularly maintained by the United States Postal Service.

General purpose license format
Developed 1 March 1994

4. AUTHORIZED REPRESENTATIVES

Except as otherwise specifically provided, any reference herein to "Secretary", "District Engineer", "Installation Commander", or "said officer" shall include their duly authorized representatives. Any reference to "grantee" shall include any duly authorized representatives.

5. SUPERVISION BY THE DISTRICT ENGINEER

The use and occupation of the premises shall be subject to the general supervision and approval of the District Engineer hereinafter referred to as said officer, and to such rules and regulations as may be prescribed from time to time by said officer.

6. APPLICABLE LAWS AND REGULATIONS

The grantee shall comply with all applicable Federal, state, county and municipal laws, ordinances and regulations wherein the premises are located.

7. CONDITIONAL USE BY GRANTEE

The exercise of the privileges herein granted shall be:

- a. without cost or expense to the United States;
- b. subject to the right of the United States to improve, use or maintain the premises.
- c. subject to other outgrants of the United States on the premises.
- d. personal to the grantee, and this license, or any interest therein, may not be transferred or assigned.

8. CONDITION OF PREMISES

The grantee acknowledges that it has inspected the premises, knows its condition, and understands that the same is granted without any representations or warranties whatsoever and without any obligation on the part of the United States.

9. COST OF UTILITIES

The grantee shall pay the cost, as determined by the officer having immediate supervision over the premises, of producing and/or supplying any utilities and other services furnished by the Government or through Government-owned facilities for the use of the grantee, including the grantee's proportionate share of the cost of operation and maintenance of the Government-owned facilities by which such utilities or services are produced or supplied. The Government shall be under no obligation to furnish utilities or services. Payment shall be made in the manner prescribed by the officer having such jurisdiction.

10. PROTECTION OF PROPERTY

The grantee shall keep the pier safety devices on the premises in good order and in a clean, safe condition by and at the expense of the grantee. The grantee shall be responsible for any damage that may be caused to property of the United States by the activities of the grantee under this license, and shall exercise due diligence in the protection of the pier safety devices and all property located immediately adjacent to these devices against fire or damage from any and all other causes. Any property of the United States damaged or destroyed by the grantee incident to the exercise of the privileges herein granted shall be promptly repaired or replaced by the grantee to a condition satisfactory to said officer, or at the election of said officer, reimbursement made therefor by the grantee in an amount necessary to restore or replace the property to a condition satisfactory to said officer.

11. RESTORATION

On or before the expiration of this license or its termination by the grantee, the grantee shall vacate the premises, remove the property of the grantee, and restore the premises to a condition satisfactory to said officer. If, however, this license is revoked, the grantee shall vacate the premises, remove said property and restore the premises to the aforesaid condition within such time as the District Engineer may designate. In either event, if the grantee shall fail or neglect to remove said property and restore the premises, then, at the option of said officer, the property shall either become the property of the United States without compensation therefor, or said officer may cause the property to be removed and no claim for damages against the United States or its officers or agents shall be created by or made on account of such removal and restoration work. The grantee shall also pay the United States on demand any sum

which may be expended by the United States after the expiration, revocation, or termination of this license in restoring the premises.

12. NON-DISCRIMINATION

a. The grantee shall not discriminate against any person or persons because of race, color, age, sex, handicap, national origin or religion.

b. The grantee, by acceptance of this easement, is receiving a type of Federal assistance and, therefore, hereby gives assurance that it will comply with the applicable provisions of Title VI of the Civil Rights Act of 1964 as amended (42 U.S.C. § 2000d); the Age Discrimination Act of 1975 (42 U.S.C. § 6102); the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794); and all requirements imposed by or pursuant to the Directive of the Department of Defense (32 CFR Part 300) issued as Department of Defense Directive 5500.11 and 1020.1, and Army Regulation 600-7. This assurance shall be binding on the grantee, its agents, successors, transferees, and assignees.

13. TERMINATION

This license may be terminated by the grantee at any time by giving the District Engineer at least ten (10) days notice in writing provided that no refund by the United States of any consideration previously paid shall be made and provided further, that in the event that said notice is not given at least ten (10) days prior to the rental due date, the grantee shall be required to pay the consideration for the period shown in the Condition on CONSIDERATION.

14. ENVIRONMENTAL PROTECTION

a. Within the limits of their respective legal powers, the parties to this license shall protect the premises against pollution of its air, ground and water. The grantee shall comply with any laws, regulations, conditions, or instructions affecting the activity hereby authorized if and when issued by the Environmental Protection Agency, or any Federal, state, interstate or local governmental agency having jurisdiction to abate or prevent pollution. The disposal of any toxic or hazardous materials within the premises is specifically prohibited. Such regulations, conditions, or instructions in effect or prescribed by said Environmental Protection Agency, or any Federal, state, interstate or local governmental agency are hereby made a condition of this license. The grantee shall not discharge waste or effluent from the premises in such a manner that the discharge will contaminate streams or other bodies of water or otherwise become a public nuisance.

b. The grantee will use all reasonable means available to protect the environment and natural resources, and where damage nonetheless occurs from the grantee's activities, the grantee shall be liable to restore the damaged resources.

c. The grantee must obtain approval in writing from said officer before any pesticides or herbicides are applied to the premises.

15. HISTORIC PRESERVATION

The grantee shall not remove or disturb, or cause or permit to be removed or disturbed, any historical, archeological, architectural or other cultural artifacts, relics, remains or objects of antiquity. In the event such items are discovered on the premises, the grantee shall immediately notify said officer and protect the site and the material from further disturbance until said officer gives clearance to proceed.

16. DISCLAIMER

This license is effective only insofar as the rights of the United States in the premises are concerned; and the grantee shall obtain any permit or license which may be required by Federal, state, or local statute in connection with the use of the premises. It is understood that the granting of this license does not preclude the necessity of obtaining a Department of the Army permit for activities which involve the discharge of dredge or fill material or the placement of fixed structures in the waters of the United States, pursuant to the provisions of Section 10 of the Rivers and Harbors Act of 3 March 1899 (33 USC 403), and Section 404 of the Clean Waters Act (33 USC 1344).

17. SPECIAL PROVISIONS

a. The pier safety devices may include any combination of lifesaving rings, throw bags (rescue bags), emergency call boxes, safety signs and/or other related devices with appurtenances. All construction and placement activities on the premises, including the type of device, specific location, plans and design specifications, must be coordinated with the Area Engineer, Grand Haven Area Office, 307 South Harbor Street, Grand Haven, Michigan, 49417, telephone 616-842-5510. This coordination process is required to insure that the grantee's construction is consistent with the purpose and integrity of the South Haven Federal Navigation Project, and is not intended as a detailed engineering review. The Federal Government assumes no responsibility or liability for the technical sufficiency of the grantee's construction.

b. The grantee is responsible for inspection and maintenance, at intervals determined in its discretion, to assure that the pier safety devices are present and in good operable condition. The grantee shall also be responsible for installing replacements as necessary, in its discretion, to ensure that the pier safety devices are available when it deems seasonally appropriate.

c. If the District Engineer determines that any pier safety device(s) interfere with the operations and/or maintenance of the federal navigation project, the grantee shall alter, modify or remove the device(s), as necessary.

d. Any pier safety devices that include the display of lights or signals shall comply with applicable requirements as prescribed by the U.S. Coast Guard or the District Engineer.

e. The grantee shall procure and maintain during the term of this license, a liability insurance policy in the following minimum amount affording coverage against liability for injury to persons, property or deaths of persons arising out of any activities resulting from the issuance of this license:

<u>TYPE</u>	<u>AMOUNT</u>
Comprehensive Liability	\$2,000,000 per event
Bodily Injury	\$2,000,000 per person
Property Damage	\$2,000,000 per event

NOTE: IN THE EVENT THE GRANTEE IS SELF-INSURED, THE GRANTEE SHALL CERTIFY SUCH SELF-INSURANCE IN WRITING IN THE MINIMUM AMOUNT SPECIFIED ABOVE TO SAID OFFICER.

INSURANCE CERTIFICATION SHOULD BE SUBMITTED WITHIN NO LATER THAN 20 DAYS AFTER THIS LICENSE IS EXECUTED. LEASE/EASEMENT/LICENSE NUMBER W911XK-3-07-3007 MUST APPEAR ON ALL INSURANCE DOCUMENTS.

THIS LICENSE is not subject to Title 10, United States Code, Section 2662, as amended

C.4: Lifesaving Devices Location Map



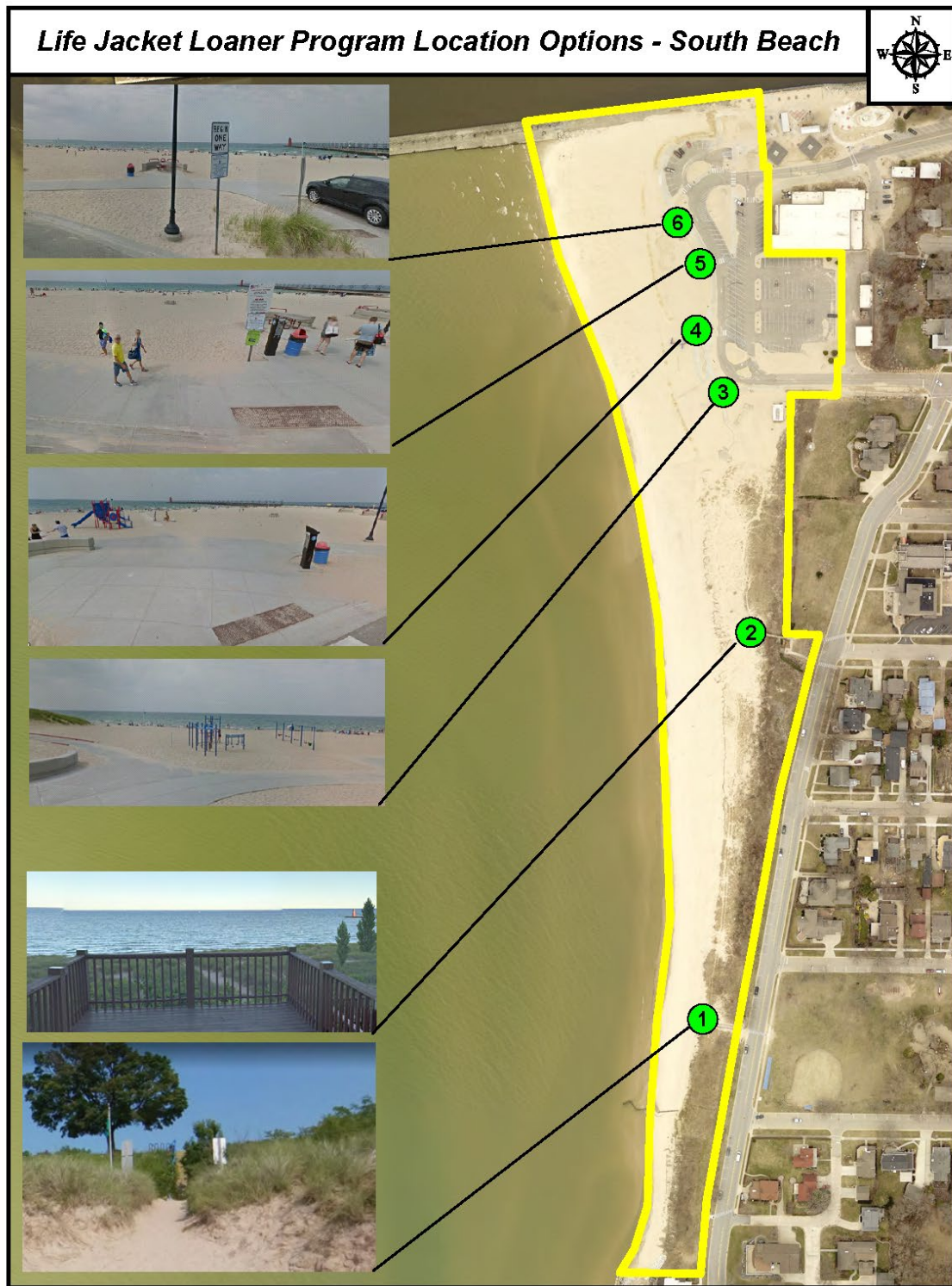
C.5: Life Jacket Loaner Boards Information

Safe Kids Worldwide® is a nonprofit organization working to help families and communities to keep kids safe from injuries. Safe Kids Greater South Haven (SKGSH) is led by Bronson South Haven Hospital, which provides dedicated and caring staff, operation support, and other resources to assist in achieving the common goal of keeping kids safe.

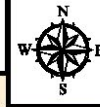
SKGSH donated 13 life jacket loaner stations to the City of South Haven, and they will conduct inspections of the boards at least three times a month. The City of South Haven's Beach Enforcement Attendants (BEAs) check the stations as part of their daily inspections.



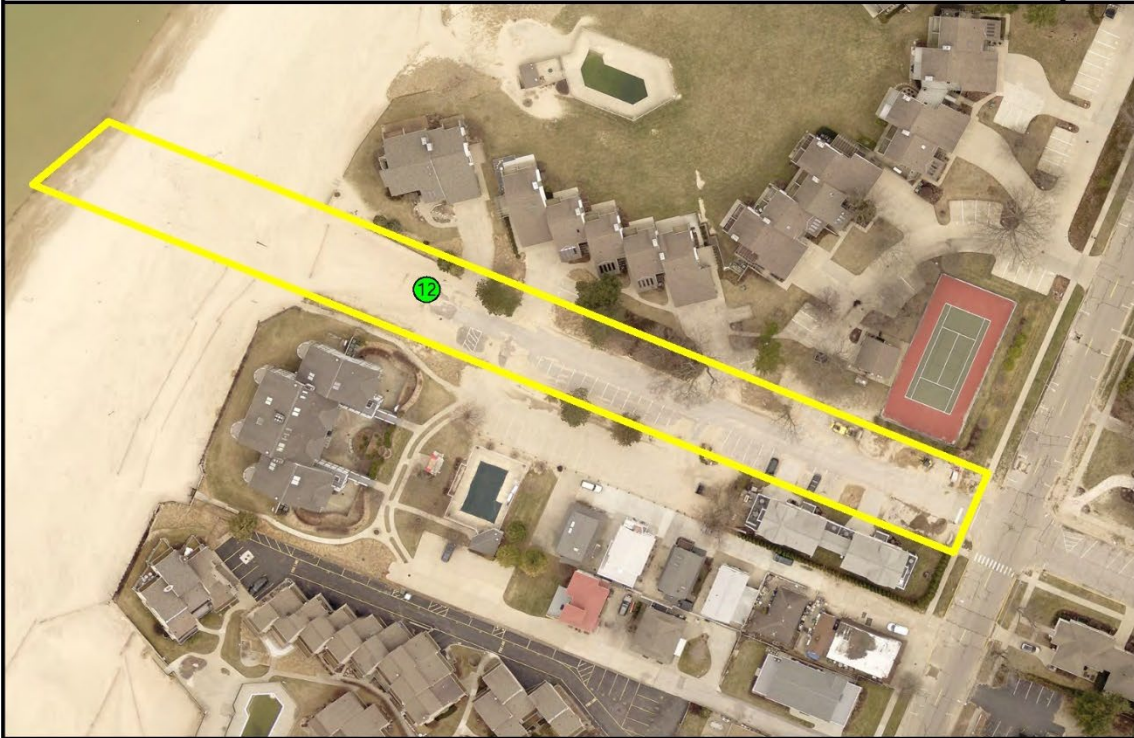
C.6: Life Jacket Loaner Boards Maps



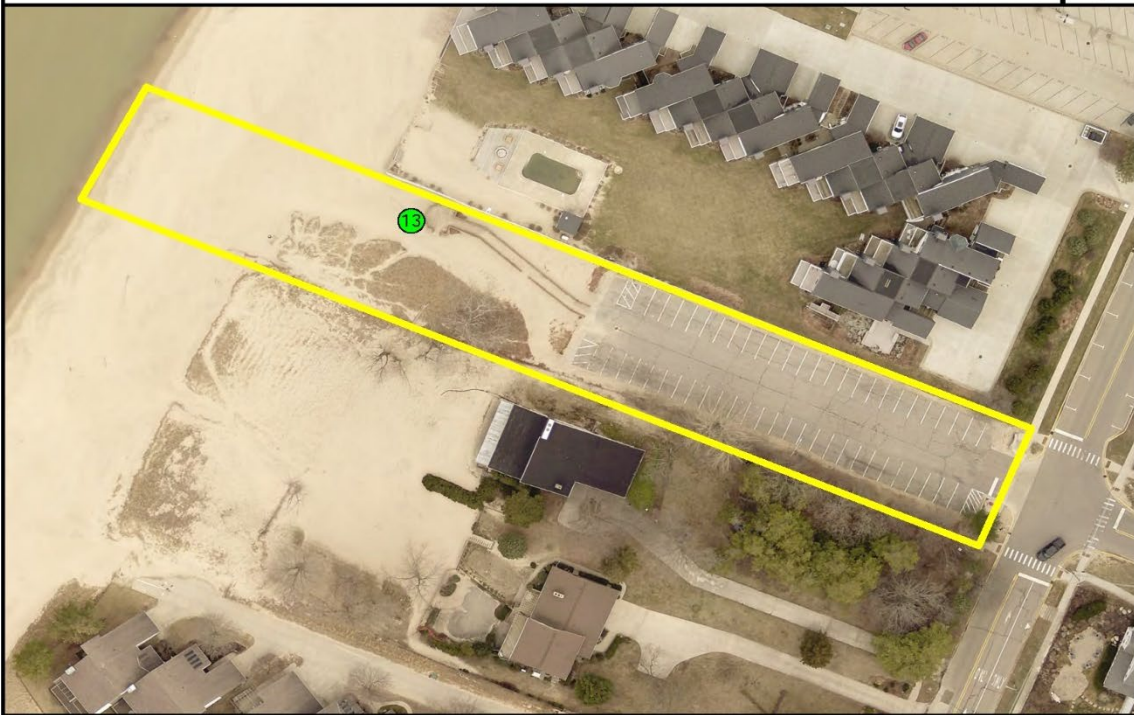
Life Jacket Loaner Program Location Options - North Beach



Life Jacket Loaner Program Location Option - Woodman Beach



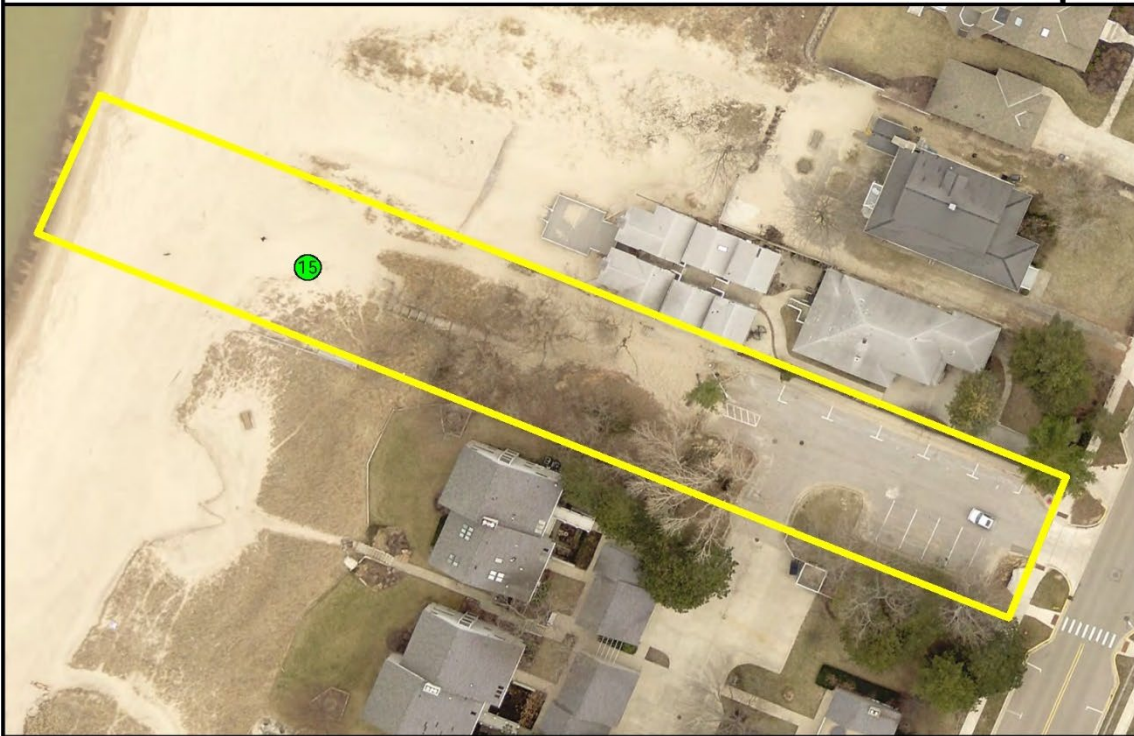
Life Jacket Loaner Program Location Option - Dyckman Beach



Life Jacket Loaner Program Location Option - Packard Beach



Life Jacket Loaner Program Location Option - Oak St Beach



SECTION D: Buoys

D.1: Buoy Information

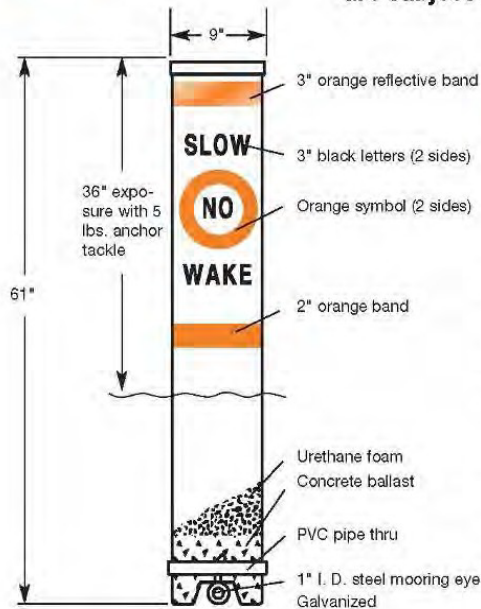
- Regulatory floatable device
- Designates swimming area and jet ski lane
- No motorized watercrafts allowed in swim area
- Jet ski lane allows jet skis to come to shore
- Placed in Spring before May 15 (weather dependent)
- Removed in Fall after September 15 (weather dependent)
- Weekly visual inspections
- Buoys are reset when out of place
- Buoys are chained to anchors, then anchored into the sand at a depth of approximately 5 feet
- Buoys ordered from Rolyan Buoys, specifications for buoys on pg. 30.
- Buoys designed to meet and conform to all State and Federal Regulations
- Have permit with the Michigan DNR for placement of the buoys (pgs. 31-32)



2

Regulatory Buoys • X-Tra Heavy Duty

Super-tough regulatory buoy. Designed for problem areas where buoys are subject to abuse and vandalism.



HDPE* Type – 9" Dia.

Model B961R

Features

- 9" dia. white super-tough HDPE shell. Ultraviolet inhibited.
- Shatter-proof — will not crack, chip, peel or rust.
- Completely urethane foam filled. Virtually unsinkable.
- 3"-wide reflective band at top provides excellent night visibility.
- Self-righting without tackle.
- Recessed cap allows buoy to stand upright.
- Heavy steel galvanized anchoring eye cast in an internal concrete ballast.
- Inland waterway marking symbols with standard messages included.
- Includes choice of standard symbols and messages.

Available Options

- Pickup eye built into top.
- Stainless steel anchoring eye for salt water applications.
- Agency or name identification.
- Special non-standard messages.
- Solar light (see page 11).
- Cone cap top.

When ordering, specify symbols and messages desired (see bottom of page 1).

Submerged buoyancy 84 lbs.

Net weight 49 lbs.

Shipping weight 56 lbs.

Refer to installation suggestions on page 21.

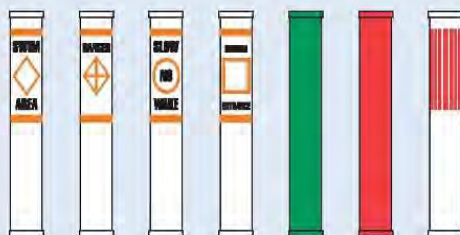
NOTE: Special procedures must be followed when reconditioning HDPE type buoys.

See warranty information on inside back cover.

*HDPE = High-Density Polyethylene

EDUCATIONAL BUOYS • MINIATURE REPLICAS

Non-functional—for educational use only.



Model B2510ES

- 2½" dia. x 10" identical replicas of Rolyan® regulatory buoys showing standard inland waterway symbols and messages. Set of seven buoys includes:

- Swim Area/No Boats
- Danger/Hazard
- Slow No Wake/No Wake Idle Speed
- Marina Entrance
- Red Channel Marker
- Green Channel Marker
- Centerline Marker Red & White (Black & White label included)



Rolyan® Buoys. To Order—Call toll-free in the U.S.: 888-269-2869 • 262-387-8728 • Fax: 866-790-3298

D.2: Buoy Permits



Michigan Department of Natural Resources & Environment – Law Enforcement

REVOCABLE PERMIT FOR BUOY AND/OR BEACON



Under the authority of Section 80159, Act 451, Public Acts of 1994, as amended, the Department of Natural Resources and Environment of the State of Michigan hereby authorizes the permittee to place buoys and/or beacons as specified in this permit and as described on the attached sketches. Buoys or beacons placed contrary to the terms of this permit will be ordered removed and the permit revoked.

Permittee's Full Name			File Number
City of south Haven			5680
Street Address	City	State	ZIP
539 Phoenix Street	South Haven	MI	49090
Home Phone	Cell Phone	E-Mail Address	
269 637-0772	269 214-0007		
			Serial Number
			0617-10
			Type of Permit
			Swim Area

Authorized Number of Buoys	16	Authorized Number of Beacons	0
Describe the Location Covered by the Permit and Attach a Map of the Location			
Lake Michigan, City of south Haven, South Haven Public Beaches (3) 1=(1850' X 125') 2=(330' X 125') 3=(1450' X 125') See attached documentation.			
List Additional Provisions			
No boats, watercraft or vessels shall be anchored, moored, or operated inside swim areas. Any number of buoys up to and including 16 maybe used to mark the swim areas. Each buoys may be placed at a distance from shore not to exceed 8' of water or 125' from shore.			

Such buoys and/or beacons are to conform with the Uniform Waterway Marking System. Minimum sizes for buoys and required markings are to be as specified on the attached drawing and Administrative Rule.

This permit does not grant any property rights to real estate in or on any body of water, or authorize the establishment of buoys or beacons on bottomlands not owned by the permittee unless a letter of "no objection" has been obtained from the owner and is on file with the Department of Natural Resources and Environment, nor does it obviate the necessity of the permittee obtaining federal assent where required.

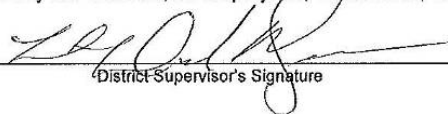
*This permit is valid indefinitely unless revoked by the Department of Natural Resources. **Buoys or beacons placed contrary to the terms of this permit will be ordered removed and the permit revoked.***

ADDITIONAL INFORMATION The Michigan Supreme Court has ruled that any person has the right to the surface of the whole lake on which to boat and fish, so long as there is no interference with the reasonable use of the waters by riparian owners and their lessees and licensees. Connecting buoys or beacons together by float lines or other means might well restrict the use of the whole lake and for this reason the Department cannot authorize such arrangements. The placement of any such connected buoys is at the permittee's own risk and may be subject to the objection that the use of the whole lake is thus unreasonably impeded.

LIABILITY Grantee hereby releases, waives, discharges and covenants not to sue the State of Michigan, its departments, officers, employees and agents, from any and all liability to Grantee, its officers, employees and agents, for all losses, injury, death or damage, and any claims or demands thereto, on account of injury to person or property, or resulting in death of Grantee, its officers, employees or agents, in reference to the activities authorized by this permit.

INDEMNIFICATION Grantee hereby covenants and agrees to indemnify and save harmless, the State of Michigan, its departments, officers, employees and agents, from any and all claims and demands, for all loss, injury, death or damage, that any person or entity may have or make, in any manner, arising out of any occurrence related to (1) issuance of this permit; (2) the activities authorized by this permit; and (3) the use or occupancy of the premises which are the subject of this permit by the Grantee, its employees, contractors, or its authorized representatives.

Approved by


District Supervisor's Signature

Date

6/18/10



REVOCABLE PERMIT FOR BUOY AND/OR BEACON



Under the authority of Section 80159, Act 451, Public Acts of 1994, as amended, the Department of Natural Resources and Environment of the State of Michigan hereby authorizes the permittee to place buoys and/or beacons as specified in this permit and as described on the attached sketches. Buoys or beacons placed contrary to the terms of this permit will be ordered removed and the permit revoked.

Permittee's Full Name City of south Haven				File Number 5680
Street Address 539 Phoenix Street	City South Haven	State MI	ZIP 49090	Serial Number 0617-10
Home Phone 269 637-0772	Cell Phone 269 214-0007	E-Mail Address		Type of Permit Marker

Authorized Number of Buoys <u>4</u>	Authorized Number of Beacons <u>0</u>
Describe the Location Covered by the Permit and Attach a Map of the Location Lake Michigan, City of south Haven, South Haven Public Beach Area. See attached for description/photo.	
List Additional Provisions No boats, watercraft or vessels shall be operated within 100' of swim areas unless at slow no-wake speed. Informational (marker) buoys will mark a lane for PWC's to access a PWC Rest Area on the beach. Placement of the buoys will be no greater than 100' wide and no more than 200' from shore.	

Such buoys and/or beacons are to conform with the Uniform Waterway Marking System. Minimum sizes for buoys and required markings are to be as specified on the attached drawing and Administrative Rule.

This permit does not grant any property rights to real estate in or on any body of water, or authorize the establishment of buoys or beacons on bottomlands not owned by the permittee unless a letter of "no objection" has been obtained from the owner and is on file with the Department of Natural Resources and Environment, nor does it obviate the necessity of the permittee obtaining federal assent where required.

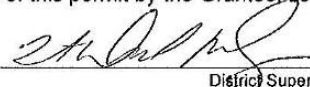
This permit is valid indefinitely unless revoked by the Department of Natural Resources. Buoys or beacons placed contrary to the terms of this permit will be ordered removed and the permit revoked.

ADDITIONAL INFORMATION The Michigan Supreme Court has ruled that any person has the right to the surface of the whole lake on which to boat and fish, so long as there is no interference with the reasonable use of the waters by riparian owners and their lessees and licensees. Connecting buoys or beacons together by float lines or other means might well restrict the use of the whole lake and for this reason the Department cannot authorize such arrangements. The placement of any such connected buoys is at the permittee's own risk and may be subject to the objection that the use of the whole lake is thus unreasonably impeded.

LIABILITY Grantee hereby releases, waives, discharges and covenants not to sue the State of Michigan, its departments, officers, employees and agents, from any and all liability to Grantee, its officers, employees and agents, for all losses, injury, death or damage, and any claims or demands thereto, on account of injury to person or property, or resulting in death of Grantee, its officers, employees or agents, in reference to the activities authorized by this permit.

INDEMNIFICATION Grantee hereby covenants and agrees to indemnify and save harmless, the State of Michigan, its departments, officers, employees and agents, from any and all claims and demands, for all loss, injury, death or damage, that any person or entity may have or make, in any manner, arising out of any occurrence related to (1) issuance of this permit; (2) the activities authorized by this permit; and (3) the use or occupancy of the premises which are the subject of this permit by the Grantee, its employees, contractors, or its authorized representatives.

Approved by


District Supervisor's Signature06/14/10
Date

D.3: Buoy Location Maps



North Beach Swimming and Portable Watercraft Areas





SECTION E: Beach Warning Flags

E.1: Beach Warning Flags Information/Signage

- 14 flagpoles installed throughout the City's seven public beaches/access points.
- Flags are on poles that are 15 ft. high from ground level with an internal halyard system.
- A numbering system for flag poles has been developed to assist during a time of emergency as a point of reference. The beach flag poles are numbered 1 through 14.
- Flags are monitored and changed by the Seasonal Beach Enforcement Attendants.
- Staff, using a small all-terrain vehicle, will put the flags up every morning between 8:00 am and 9:00 am and taking them down beginning around 9:00 pm every evening.
- The flags will be changed throughout the day as lake conditions change.
- The flags will either be green, yellow or red, based on the lake conditions.
- Signage will also be placed at every beach to explain what each flag color means.
- The flags are in place to warn beach users to the changing conditions of the lake. When the beach is closed due to severe weather, closure signs will be posted along the shore. Entering or attempting to enter the water when the beach is closed is a civil infraction under Section 58-90 of the City Code is subject to a fine of \$1,000. Refer to Section K for additional details.



E.2: Beach Warning Flag Locations



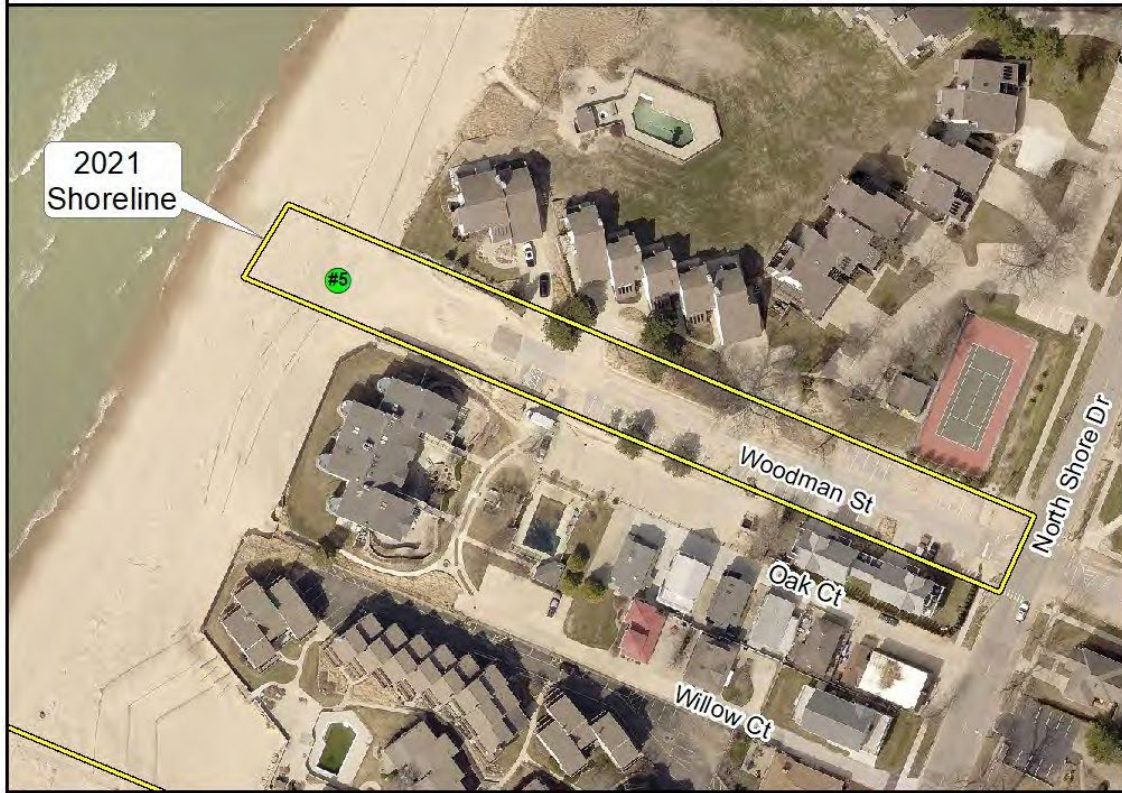
Packard Park - Flag Location



Dyckman Access - Flag Location



Woodman Access - Flag Location



North Beach - Flag & Call Box Locations



South Beach - Flag & Call Box Locations



SECTION F: Call Boxes

F.1: Call Box Information

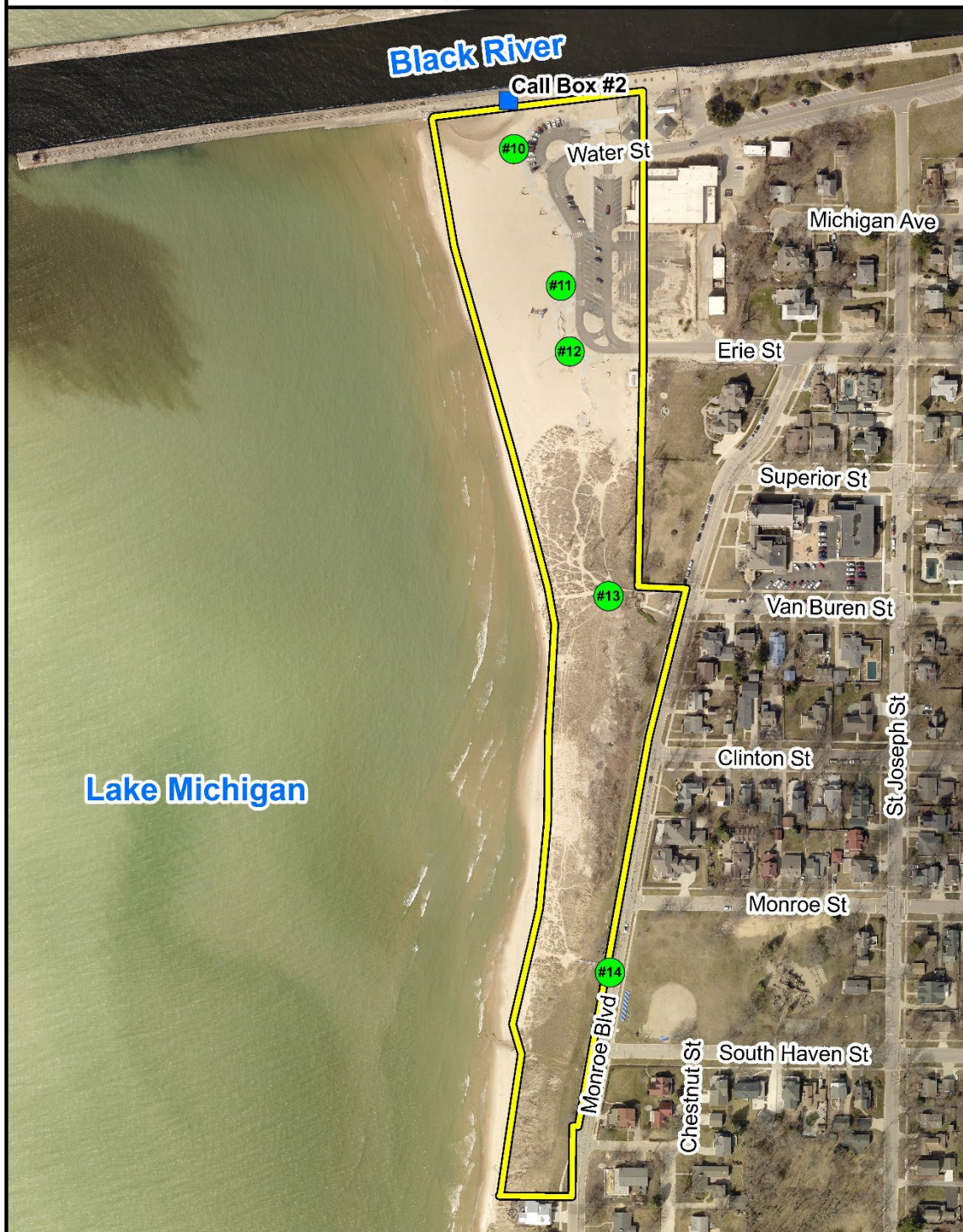
- Call boxes are placed near the piers, on both the North Beach and South Beach.
- Call boxes are equipped with:
 - An emergency notification system which when activated will contact 911
 - Video surveillance and web integration systems.
 - The camera system will allow for recording of water conditions when the call boxes are activated.
- System will allow for a web based public viewing system, which will allow the public to remotely observe beach and water conditions.



F.2: Call Box Locations



South Beach - Flag & Call Box Locations



SECTION G: Seasonal Beach Enforcement Attendants (BEAs)

G.1: BEA Information

BEAs are responsible for monitoring conditions on Lake Michigan and displaying the appropriate colored flags at South Haven's seven (7) beaches. BEAs assist in enforcing the provisions of the South Haven Code of Ordinances related to the beaches/parks. Reporting to the Beach Safety/Maintenance Superintendent, BEA staff are scheduled to work seven (7) days a week, including holidays, during the beach flag season. For additional information on beach warning flags, see section E.1.

Responsibilities

- Monitor beaches/weather condition
- Identify safety concerns
- Change flags as appropriate
- Communicate flag changes to the Information Center
- Update website with flag changes
- Confirm buoy placement
- Check life rings/throw bags
- Inspect life jacket loaner stations
- Educate visitors on beach safety and Code of Ordinances
- Complete daily inspection logs
- Assist with pier closures
- Write tickets for violations of the Code of Ordinances



Staffing

- One full-time, year-round Beach Safety/Maintenance Superintendent
- Currently budgeted for eight (8) seasonal BEAs
- Work closely with SHPD, SHAES, and others as appropriate.

Equipment

- Two (2) Quad Runner/Kawasaki Mules equipped with Automatic External Defibrillator, life rings, throw bags, siren/PA
- Cell phones
- Tablets

SECTION H: Dispatch

H.1: Dispatch Information

Available 24 hours a day, 7 days a week, 365 days a year. If called from cell phone or landline within City Limits:

- County dispatch center (Allegan, Van Buren County) will take the call and gather information.
- Van Buren County dispatch center will dispatch if needed (Police/Fire/EMS)
- Information is then distributed to appropriate emergency service such as:
 - Coast Guard
 - County Dive Team
 - Marina Patrol

SECTION I: South Haven Police Department

I.1: Police Information

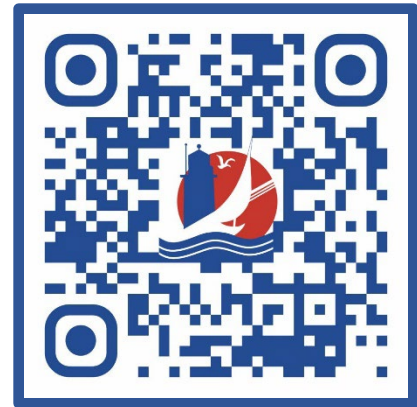
- Often first to the scene
- Trained in water rescue
- CPR trained
- Carries life vests and throw bags
- Carries Automatic External Defibrillators—a portable automatic device used to restore normal heart rhythm to patients in cardiac arrest
- Handles crowd control
- Provides support service to the responding rescue services



SECTION J: South Haven Area Emergency Services (SHAES)

J.1: SHAES Information

- Covers Lake Michigan from 111th Avenue south to 24th Avenue
- Fire and Emergency Medical Services provided 24 hours a day, 7 days a week, 365 days a year.
- Works with Allegan and Van Buren County Sheriff dive teams
- Has partnered with Bronson Safe Kids to produce educational materials, such as water safety place mats to be used at restaurants throughout South Haven.
- Developed a QR code which can update users on the colors of the beach flags.



SHAES Staffing:

- 18 full-time/career employees
- 30 paid-on-call (POC) employees
- Guaranteed two on duty
- Monthly in-service training

Dive Team:

- Affiliated with the Van Buren County Dive Team.
- SHAES has 12 active divers.
- Dive Training Courses include:
 - Basic dive class
 - Open water
 - Advanced dive
 - Rescue dive
- SHAES dive team conduct monthly training.



Rescue procedure from SHAES

- Reach – reach out with a pole to try to bring victim closer.
- Throw – try to throw a device to the victim (ex. life rings, throw bags).
- Go – they will put on the proper equipment and go into the water.

J.2: SHAES Equipment

Ambulance:

- Minimum of one (1) ambulance on duty per day.
- State licensed staff consists of:
 - 16 Career Paramedics
 - Two (2) Career EMT-Basics
 - 16 POC (Paramedics, EMTs, EMRs)
- SHAES has four (4) ambulances.
- Each ambulance can transport two (2) victims.
- Ambulances are stocked with personal floatation devices (PFD's), throw bags, life rings, a cold water immersion suit, flippers, and helmets.

Heavy Rescue Truck:

- Stocked with PFD's, throw bags, cold water immersion suits.
- Have ability to fill air tanks on scene.
- Carries Stokes basket which is a plastic basket equipped with floats to transport a victim from the water or across the beach to the ambulance.

Kawasaki Mule/Can-Am:

- Can access the entire beach easier than a vehicle.
- Has a trailer that can hold/pull rescue equipment such as dive equipment, Stokes board, etc.)
- Can transport additional personnel to the scene.
- May transport victim to ambulance.

Boat:

- Stored on the trailer so that it is ready to go.
- Carries Stokes basket
- The boat may transport victim from water to the ambulance

Miscellaneous:

- Drone that can drop CO2-charged water activated floatation devices to swimmers struggling in the water.
- Underwater sonar search device



SECTION K: County Sheriff

K.1: Dive Team Information

- Performs search and rescue operations
- Will also search for evidence as needed
- Six active divers
- Three support personal (boat handlers)
- Will make sure SHAES dives first because it takes the county longer to get there.
- Responsible for all county inland lakes and a portion of Lake Michigan between Allegan and Berrien Counties

K.2: Marine Patrol Information

- Sheriff's Office is responsible for all waters within the county.
- Responsible for enforcing all watercraft laws within Van Buren County.
- Van Buren County has a total of 113 lakes in which there are 78 with public access. Van Buren County is responsible and has jurisdiction on Lake Michigan between Allegan and Berrien Counties.
- Marine Patrol has two boats that patrol the South Haven area: a 17-foot boat for patrolling the Black River and a 28-foot boat for patrolling Lake Michigan.
- Has slips at municipal marina for docking.
- When needed an unmarked boat and loaner personal watercraft machines from local dealers are used for patrolling the lakes.
- The Marine Patrol's first objective is water safety.
- While enforcing water safety, the following things are looked for:
 - Legally registered vessels
 - Proper display of numbers
 - Proper equipment; including life jackets (PFD's) in the proper sizes, equaling the number of people on board. Fire extinguishers, registration papers and boating certificates.
- Some of the tasks patrols do are:
 - Accident investigation and reports
 - Safety patrol for special events
 - Enforcement of marine laws

SECTION L: Closure of Public Beach Waters

L.1: Closure Ordinances

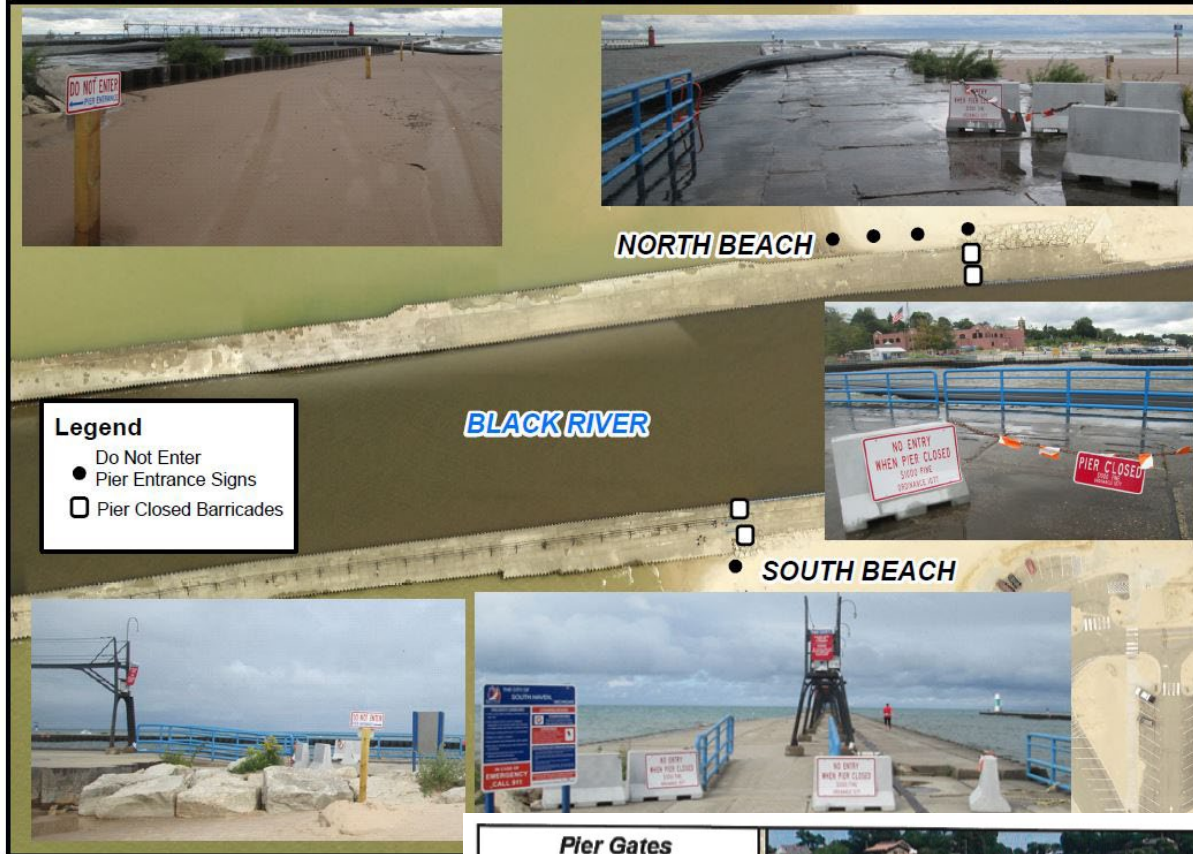
Section 58-90 of the Code of Ordinances, City of South Haven, MI was amended on January 3, 2022 and became effective as of January 23, 2022.

Sec. 58-90. Closing of public beach waters.

- (a) *Authority to close beach waters.* The city manager, police chief, harbormaster, and the director of the South Haven Area Emergency Services Authority (SHAES) shall each independently have the authority to close or partially close public beach waters due to a human health and safety risk, including, but not limited to, contamination, unsafe debris washing ashore, rescue/recovery efforts, severe weather event identified by the National Weather Service, or identified wave height in excess of 8 feet. When a closure is ordered, signs shall be posted around the closed areas indicating that swimming is prohibited.
- (b) *Entry into water prohibited; exceptions.* When a beach or portion of a beach has been closed pursuant to subsection (a), it shall be unlawful to enter or attempt to enter into the water in the closed areas. In situations where the closure is due to severe weather or wave height, this prohibition does not apply to board sport recreational individuals accessing the water for the purpose of surfing, utilizing a self-propelled wave riding board, including longboards and shortboards; kiteboarding; body/“boogie” boarding with swim fins; and, skimboarding, so long as the following conditions are satisfied:
 - (1) Entry into the water to conduct any of the above identified activities shall be at the user’s own risk.
 - (2) Users will follow commonly accepted safety rules and procedures which includes the following: controlling boards at all times, using a safety leash, and wearing appropriate cold weather gear as conditions dictate.
- (c) Any person who violates any provision of this section shall be responsible for a municipal civil infraction and subject to a fine of \$1,000.

L.2: Pier Closure Barricades and Pier Entrance Signs Locations

North and South Beach Pier Barricades and Pier Entrance Signs



To the right: Permanent pier gates will be installed at a later date.

