



# WATERWAYS GRANT PROGRAM APPLICATION

This information is required by Authority of Part 781 of 1995 PA 451.

**GRANT APPLICATIONS MUST BE RECEIVED BY PROGRAM MANAGER BY 5 PM EST, APRIL 1**

Applicant Name (Local Government) Peninsula Township		Name of Contact Person/Title Jennifer Hodges, PE	
Address 13235 Center Road		Address 123 W. Front Street	
City, State, ZIP Traverse City, MI 49684		City, State, ZIP Traverse City, MI 49684	
Federal Employer Identification Number (FEIN) (REQUIRED) 38-6374633		E-mail Address jennifer@gfa.tc	
<b>NOTE: FEIN Number of municipality identified as Applicant Name (Local Government) above MUST be provided to receive grant funds.</b>			
Applicant Telephone (231) 223-7322	Applicant FAX (231) 223-7117	Contact Person Telephone (231) 313-4861	Contact Person FAX (231) 946-3703
PROJECT LOCATION <input type="checkbox"/> County <input checked="" type="checkbox"/> Township <input type="checkbox"/> City <input type="checkbox"/> Village		County Grand Traverse	State Senate District 37
		State House of Representative District 104	
<b>TYPE OF PROJECT</b> <input type="checkbox"/> Harbor  <input checked="" type="checkbox"/> <b>Boating Access Site</b> (must contain or propose a ramp, maneuver area, and parking to be grant eligible)		<b>TYPE OF GRANT</b> <input type="checkbox"/> Preliminary Engineering Study <input checked="" type="checkbox"/> <b>Infrastructure Improvements*</b> (i.e., construction projects) *Preliminary engineering has been completed by a licensed design professional	
<b>PROJECT TITLE</b> Haserot Beach Boat Launch Ramp and Parking Lot Improvements			
<b>DESCRIPTION OF PROJECT</b> Attach a description of the overall project (including scope items, estimated costs, estimated construction schedule, and digital site photos) and a needs assessment. Note, for harbor projects, attach the last 3 years of harbor traffic (harbor logs), and last 3 years of harbor financial summaries. In addition, you must provide a 5 Year Harbor Recreation Plan to the Natural Resources Trust Fund.			
<b>BUDGET SUMMARY</b>			
A. Estimated Project Cost (B + C):		\$ 340,434.00	
B. Requested Grant Amount		\$ 170,217.00	
C. Applicant's Matching Funds:		\$ 170,217.00	

As Designated Representative of above-named Applicant, I hereby agree to implement this project according to the materials provided with this application and to abide by the provisions of the Waterways Grant program, including compliance with all applicable Federal and State laws and regulations.

*Robert K. M... Supervisor*  
Printed Name and Title of Applicant's Designated Representative

*[Signature]*  
Signature Date 3/27/19

**APPLICATION WITH ATTACHED PROJECT DESCRIPTION MUST BE RECEIVED BY PROGRAM MANAGER BY 5 PM EST, APRIL 1.**

Applications should be mailed to:  
**PAUL PETERSEN  
PARKS AND RECREATION DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
PO BOX 30257  
LANSING MI 48909**

Overnight or Express Mail Address:  
**PAUL PETERSEN  
PARKS AND RECREATION DIVISION  
MICHIGAN DEPARTMENT OF NATURAL RESOURCES  
525 WEST ALLEGAN  
LANSING MI 48933**

**FOR DNR USE ONLY**

<input type="checkbox"/> Facility No.:	<input type="checkbox"/> Compliance Review
Comments	
Program Manager (please print)	Signature
	Date

## **WATERWAYS GRANT PROGRAM APPLICATION**

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### **Haserot Beach Boat Launch Ramp and Parking Lot Improvements**

#### **Project Overview and Background:**

This project includes improvements to the existing Haserot Beach Boat Launch Ramp, improvements to the existing parking lot and improvements to an adjacent site to provide additional overflow parking for vehicles with and without trailers. The property is owned, operated and maintained by Peninsula Township and this proposed project is identified as part of the action program in Peninsula Township's Recreation Plan (2018-2020 timeframe - page 23). The general area includes a variety of recreation facilities, including beach front, boat launch access, picnic areas, and access to trails. This area supports nearly year-round tourism, and has become increasingly popular with thousands of visitors a year (and growing). One reason for this increasing popularity is due to the fact that Haserot Park Beach was recently identified as being among the top eight Traverse City beaches for families, boaters & picnickers by mynorth.com (6-19-2017). Increased popularity has led to increases in visitor traffic, which in turn has increased parking demand during peak times. Since patrons often park along the side of road, greater safety issues for pedestrians and bicyclists are increasingly evident.

The ramp was last updated in 1990 and discussions have been ongoing since 2014 to address not only needed structural improvements to the boat launch, along with steps to improve and expand parking. The location of the boat ramp itself is ideal as the bay opens toward southeast and therefore affords natural protection from north and west winds. It also represents the northern-most public boat ramp on Old Mission Peninsula (two other public ramps are on east and west bay much further south). Because this area is in a protected bay, the area also lends itself to kayaking. Recent work with MDNR on a related project will lead to the construction of a new kayak launch at adjacent Kelly Park to the south. Public input on the need for a kayak launch was sought with MDNR late last summer and construction plans are now being developed. When built in the near future this kayak launch will provide complimentary water access for kayaks and add to the growing need for parking in the area.



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Scope of Work/Need Assessment

This beach and boat launch over the years has become a very popular place for families to go swimming, picnic and to launch boats for fishing and in general boating. Over the past 20 years, the great lakes have had a very low water elevation and the access to the boat launch has been very limited and only used by certain boaters, however, many boats were slightly damaged while being launched. Also, the wave action has caused concern of safety when launching the boats. This work plan will help families have safe swimming, picking and boating experience at Haserot Beach. In regards to the parking, since this has become a popular place for families to go, parking and safety of the general public have been an issue for all. This additional parking will allow for drivers to have a better view of the pedestrian traffic going to and from the beach.

The existing parking area and will be regraded, and graveled with 6" of 21AA dense graded aggregate. The existing large rock underwater, will be relocated to allow for 70 linear feet of permanent steel sheet piling to be installed on the east and west side of the existing boat ramp and dock. Additional new heavy riprap will be placed landward east and west of the existing boat ramp.

In addition to the improvements at the existing boat launch ramp, the Township has proposed constructing additional parking on the north side of Swaney Road for up to 77 vehicles. This parking area will be cleared of existing trees and vegetation. Unsuitable soils will be removed, and new clean granular material will be placed and compacted. The parking area will be surfaced with 6" of 21AA dense graded aggregate. This parking area will be surrounded by a 15' vegetative buffer.

Schedule:

<b>ANTICIPATED PROJECT SCHEDULE*</b>	
<b>Tasks</b>	<b>Completed by (date)</b>
Task 1: Engage engineering firm	May 2020
Task 2: Kick-off Meeting with Peninsula Township	June 2020
Task 3: Research / Preliminary Design & Survey	June – July 2020
Task 4: Final Design	July - September 2020
Task 5: Permitting	October 2020
Task 6: Bidding	December 2020
Task 7: Construction	March – June 2021
Task 8: Project Closeout	June 1, 2021

\*project schedule may be adjusted based on grant award

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**Preliminary Engineer's Cost Opinion:**

Item No.	Item	Est. Quantity	Unit	Unit Price	Unit Cost
<b>HASEROT BEACH BOAT LAUNCH RAMP</b>					
1	Mobilization	1	LS	\$25,000.00	\$25,000.00
2	Remove/Relocate Existing Large Stones	25	CYD	\$80.00	\$2,000.00
3	Steel Sheet Pile and Equipment	3,000	SFT	\$40.00	\$120,000.00
4	Sheet Pile Cap	150	FT	\$40.00	\$6,000.00
5	Geotextile Fabric	150	SYD	\$12.00	\$1,800.00
6	Rip Rap Stone	150	SYD	\$65.00	\$9,750.00
7	Erosion Control/Restoration	1	LS	\$7,500.00	\$7,500.00
<b>PARKING LOT IMPROVEMENTS</b>					
1	Clearing	0.6	Acre	\$2,000.00	\$1,200.00
2	Tree Removal, 19 to 36 inches	2	EA	\$1,500.00	\$3,000.00
3	Site Grading	4,500	SYD	\$1.00	\$4,500.00
3	Subbase, Class II	1,200	CYD	\$5.00	\$6,000.00
4	Aggregate Base, 21AAA 6 inch	4,500	SFT	\$15.00	\$67,500.00
5	Erosion Control/Restoration	1	LS	\$3,500.00	\$3,500.00
<b>Construction Subtotal</b>					<b>\$257,750.00</b>
<b>Construction Contingencies 10%</b>					<b>\$25,775.00</b>
<b>Construction Total</b>					<b>\$283,525.00</b>
<b>Final Engineering, Permitting, Bidding, Construction Engineering 20.0%</b>					<b>\$56,710.00</b>
<b>PROJECT TOTAL</b>					<b>\$340,434.00</b>

**Notes:**

1. These costs are based on preliminary information. The actual site conditions may result in variations of unit prices or items.
2. This cost estimate is approximate. Actual construction bids may vary significantly from this statement of probable costs due to timing of bidding, construction, changed conditions, labor rate changes, or other factors beyond the control of the Engineer.
3. Costs of dredging were not included in this cost estimate as the Township has a DEQ and Corp permit and does this on an as needed basis.

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**Existing Site Photos:**



**Haserot Boat Launch (Facing East)**



**Haserot Boat Launch (Facing East)**



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**Existing Site Photos (cont'd):**



**Haserot Boat Launch (Facing East)**



**Haserot Boat Launch (Facing West)**

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**Existing Site Photos (cont'd):**



**Haserot Beach Park Welcome Sign**





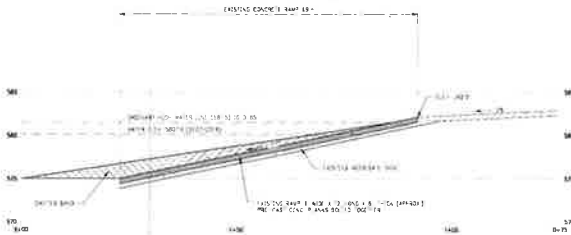
# HASEROT BEACH BOAT RAMP AND PARKING LOT IMPROVEMENTS

ENGINEERING  
SURVEYING  
TESTING & OPERATIONS



1110-7/2/2016  
231 946 5874 (0)  
231 944 3703 (1)

**EXISTING HASEROT BEACH BOAT RAMP PROFILE**  
SCALE:  
HORIZONTAL: 1"=10'  
VERTICAL: 1"=1'



**PROPOSED HASEROT BEACH BOAT RAMP PROFILE**  
SCALE:  
HORIZONTAL: 1"=10'  
VERTICAL: 1"=1'

