

PROJECT ID #1

**THREE-YEAR HARBOR DEVELOPMENT
STATEMENT OF INTENTIONS**

Due: April 1
Send to: WisDOT
Bureau of Railroads & Harbors
P. O. Box 7914
Madison, Wisconsin 53707-7914

MANITOWOC
Harbor Name

CITY OF MANITOWOC
Responsible Local Unit of Government
(County, City, Village or Town)

Improvements Proposed in Calendar Year 2025

Instructions: Complete one of these sheets for each project contemplated in each of the next three years. Include only those projects that benefit COMMERCIAL TRANSPORTATION. Examples include dredging, dredge disposal and dock wall construction.

PART I Project Description and Objective(s)

A – Dredge river at seawall adjacent to Travelift well, inside of Travelift well and downstream of Travelift well to allow Burger Boat to accommodate vessels with deeper draft for service work, as well as, to allow for Burger Boat to accommodate the launching and mooring of larger vessels constructed at their shipyard.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$ 250,000
(c) Wis DOT	\$ 1,000,000
(d) Other	
	Total
	\$ 1,250,000

(a) Of the projects listed for the year noted above, this project (a) is of 1 priority to the applicant.

(b) The estimated probability of this project being started in year noted above is:
 (Circle One) High
 Medium
 Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID # 2

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PART I Project Description and Objective(s)

- A. A concrete assembly platform including an additional load-out ramp, to perform load-outs of large material requiring water transport. This additional platform will allow for multiple cranes and multiple crane configurations to be assembled and tested in parallel.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources</u> (All types)	<u>Amount</u>
(b) PRIVATE	\$ 800,000
(c) Wis DOT	\$ 3,200,000
(d)	
	Total
	\$4,000,000

- (a) Of the projects listed for the year noted above, this project (a) is of 2 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID #3

**THREE-YEAR HARBOR DEVELOPMENT
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Improvements Proposed in Calendar Year 2025

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PART I Project Description and Objective(s)

A – Along the south bank of the Manitowoc River the City of Manitowoc owns 775 l.f. of sheet wall which is used by commercial vessels for a docking area; it also is used as an area to dock if a vessel is in need of a safe harbor. The sheet wall needs structural analysis and revisions to ensure the sheet wall is in stable condition to allow for large vessels to moor along it. The sheet wall protects critical infrastructure such as the U.S. HWY 10 corridor and related utilities.

B – Throughout the Manitowoc River, Inner Harbor and Outer Harbor there are locations where general maintenance is needed to preserve the existing infrastructure. Sheet wall caps, sheet wall systems, escape ladders and other infrastructure that are in need of maintenance. In addition, there are areas of erosion occurring behind the sheet wall system which is weakening the structural integrity of the sheet wall.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$500,000
(c) WIS DOT	\$2,000,000
(d) FEDERAL	\$2,000,000

	Total
	\$4,500,000

- (a) Of the projects listed for the year noted above, this project (a) is of 3 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID #4

**THREE-YEAR HARBOR DEVELOPMENT
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Improvements Proposed in Calendar Year 2025

Instructions: Complete one of these sheets for each project contemplated in each of the next three years. Include only those projects that benefit COMMERCIAL TRANSPORTATION. Examples include dredging, dredge disposal and dock wall construction.

PART I Project Description and Objective(s)

A – Approximately 850 l.f. of sheet wall along the south bank of the Manitowoc River has surpassed its designed lifetime expectancy. The sheet wall is adjacent to two private entities. The area is used for mooring of large bulk carrier vessels that transload their product to a local business.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$500,000
(c) WIS DOT	\$2,000,000
(d) FEDERAL	\$2,000,000
	Total
	\$4,500,000

- (a) Of the projects listed for the year noted above, this project (a) is of 4 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID # 5

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Improvements Proposed in Calendar Year 2026

Instructions: Complete one of these sheets for each project contemplated in each of the next three years. Include only those projects that benefit COMMERCIAL TRANSPORTATION. Examples include dredging, dredge disposal and dock wall construction.

PART I Project Description and Objective(s)

A – Dredging to allow for sailboats and other vessels to navigate in the marina area and the outer harbor. When Lake Michigan water levels are low vessels are close to not having enough draft to safely use the marina facility. Larger boats would be unable to access the marina area and cannot be “wintered” in the existing boat storage building.

B – The project would protect the private and public infrastructure enabling the continued use of the existing facilities. Modifications to the existing pier structures and other infrastructure will also be required due to cyclical water levels and aging infrastructure.

C – Phased replacement and/or repair of deteriorated pier structures to provide better ADA accessibility and ability to moor and service larger transient boats.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) Private	\$ 500,000
(c) Wis DOT	\$ 1,000,000
(d) Other	\$ 500,000
	Total
	\$ 2,000,000

(a) Of the projects listed for the year noted above, this project (a) is of 1 priority to the applicant.

(b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID # 6

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Improvements Proposed in Calendar Year 2027

Instructions: Complete one of these sheets for each project contemplated in each of the next three years. Include only those projects that benefit COMMERCIAL TRANSPORTATION. Examples include dredging, dredge disposal and dock wall construction.

PART I Project Description and Objective(s)

- A – The short timber wall on the starboard side of the Badger car ferry is used for alignment in adverse weather conditions. The current wall moves significantly, which is an indication of broken vertical poles below the water line.
- B – When water levels are extremely low or high the vehicular loading ramp is too steep and there is difficulty moving vehicles onto and off of the car ferry. The loading ramp may need to be redesigned to address the problem. In addition, the loading ramp counter weight system that is in need of replacement, the counter weights are original.
- C – ADA accessibility onto the car ferry is limited, there are plans to construct an ADA lift to provide better accessibility on to and off of the car ferry. Improve public amenities and access to Lakefront in addition to stabilizing the shoreline to prevent erosion.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources</u> (All types)	<u>Amount</u>
(b) Private	\$ 400,000
(c) Wis DOT	\$ 2,000,000
(d)	
	Total
	\$ 2,400,000

- (a) Of the projects listed for the year noted above, this project (a) is of 1 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID # 7

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PART I Project Description and Objective(s)

A – City of Manitowoc’s proposed dock wall improvements along an 1,800 foot length of bulkhead abutting the Manitowoc River. The City purchased the blighted property from the Canadian National Railroad in 2019. The project would accommodate the needs of a water-orientated mixed-used development. The project would also provide additional public access to the river.

B - Harbor improvements would be an integral piece in redeveloping a very under-utilized parcel in the downtown area. The mixed-use development would increase the tax base, create jobs, provide downtown living options and redevelop a blighted downtown site. The project would address a “key redevelopment/catalytic” site as stated in the City’s Comprehensive Plan.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources</u> (All types)	<u>Amount</u>
(b) PRIVATE	\$ 400,000
(c) Wis DOT	\$ 2,000,000
(d) Other	
	Total
	\$2,400,000

- (a) Of the projects listed for the year noted above, this project (a) is of 2 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

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PROJECT ID # 8

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PART I Project Description and Objective(s)

A – McMullen & Pitz – Re-construct 1,000 feet of dock wall to be able to use the site as a transload facility.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) Private	\$ 300,000
(c) Wis DOT	\$ 1,500,000
(d)	
	<u>Total</u>
	\$1,800,000

- (a) Of the projects listed for the year noted above, this project (a) is of 3 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

PROJECT ID #9

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PART I Project Description and Objective(s)

A – This project entails the construction of a sheet wall system with the development of an adjacent river walk adding public access to the river. Project length is roughly 2,200 lineal feet, 600 l.f. is currently sheet wall with the remaining 1,600 l.f. having no sheet wall leaving the shoreline unprotected. Prop wash from small and large vessels, some which are over 500 feet in length, are continually eroding the shoreline causing sedimentation on the river's bottom and increasing the chances of failure of the adjacent steep slopes in addition to increasing the frequency of dredging.

B – The objective of the project is to: increase the berthing locations along the inner harbor, protect the shoreline and erosion hazard area along the river's edge, protect the existing infrastructure in the area, improve water quality by reducing erosion, and increase public access to fisherman, pedestrians and bikers by opening an underutilized corridor along the Manitowoc River. By eliminating shoreline erosion in the area the need to dredge the adjacent river should be reduced, saving costs by reducing the frequency of dredging.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$ 400,000
(c) Wis DOT	\$ 3,600,000
(d) Other	\$ 600,000
	Total
	\$4,600,000

- (a) Of the projects listed for the year noted above, this project (a) is of 4 priority to the applicant.
- (b) The estimated probability of this project being started in year noted above is:
(Circle One) High
Medium
Low

Prepared By: PAUL BRAUN

Date: March 1, 2025

U:SOI