

P.I.
3-20-17

17-0284

RESOLUTION

WHEREAS, the attached Three Year Harbor Development Statement of Intentions for 2017 - 2019 describes proposed improvements which are in the best interest of the Manitowoc Harbor and River; and

WHEREAS, the Wisconsin Department of Transportation, in accord with state statute, requires a statement of project intentions from local units of government intending to apply for federal and/or state aid for harbor related work of any type within the next three years be updated annually; and

WHEREAS, we have carefully reviewed the estimated project costs, funding sources, physical location, and alternatives to the proposed project(s); and

WHEREAS, the total local matching funds required for projects indicated as being funded through the Wisconsin Harbor Assistance Program ranges from (20%) to (50%); and

WHEREAS, this Three Year Harbor Development Statement of Intentions is used by the Wisconsin Department of Transportation for planning purposes only and is not a petition for federal and/or state aid.

NOW, THEREFORE BE IT RESOLVED that the Mayor and Common Council approve the attached Harbor Development Statement of Intentions.

INTRODUCED MAR 20 2017

ADOPTED _____

APPROVED _____

JUSTIN M. NICKELS, MAYOR

Fiscal Impact: N.A.
Funding Source: N.A.
Finance Director Approval: /sc
Approved as to form: /kmm

Drafted by: Paul Braun, City Planner
Harbor statement resolution 2017



CITY OF MANITOWOC
WISCONSIN, USA
www.manitowoc.org



MEMO

March 3, 2017

TO: Chairman David Soeldner, Public Infrastructure Committee

RE: Three Year Harbor Development Statement of Intentions 2017 - 2019

Chairman Soeldner:

Attached is a resolution for the Three Year Harbor Development Statement of Intentions for 2017 – 2019. Could you please have the attached resolution introduced and adopted at the next Common Council meeting. The Statement of Intentions is due to the Bureau of Harbors and Railroads on or before April 1st.

The 3 Year Harbor - Statement of Intentions qualifies the City for potential Harbor Assistance Funds that may be available. This resolution and Statement of Intentions are required in order to annually qualify the City for State and Federal financial assistance for potential commercial harbor improvement projects. This resolution does not commit the City of Manitowoc to expend any funds whatsoever; it simply makes the City eligible for potential funding.

Feel free to contact me if you have any questions regarding the resolution for the 3 Year Harbor - Statement of Intentions.

Respectfully,

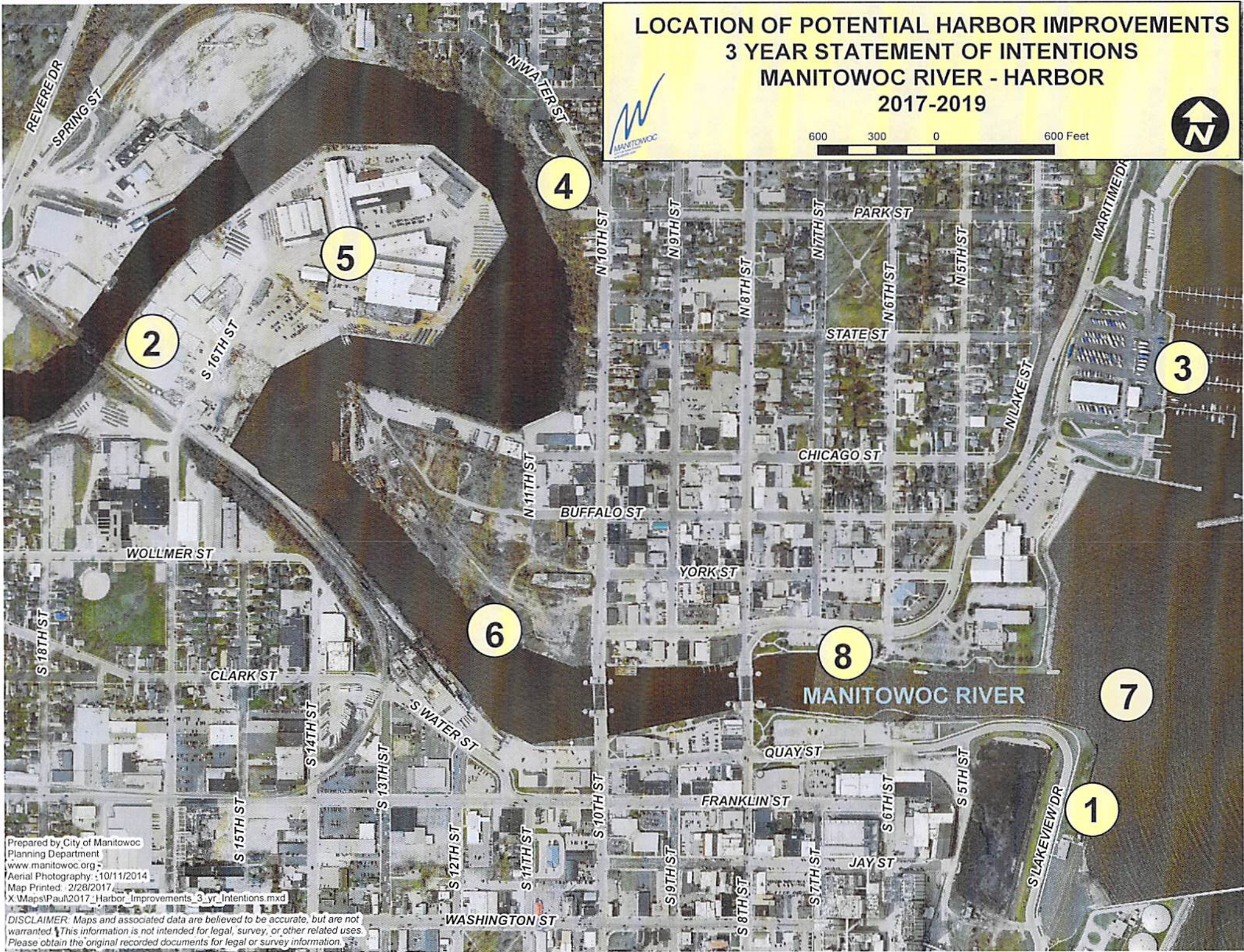
Paul Braun
City Planner

Attachment

LOCATION OF POTENTIAL HARBOR IMPROVEMENTS 3 YEAR STATEMENT OF INTENTIONS MANITOWOC RIVER - HARBOR 2017-2019



600 300 0 600 Feet



Prepared by City of Manitowoc
Planning Department
www.manitowoc.org
Aerial Photography: 10/11/2014
Map Printed: 2/28/2017
X:\Maps\Paul\2017_Harbor_Improvements_3_yr_Intentions.mxd

DISCLAIMER: Maps and associated data are believed to be accurate, but are not warranted. This information is not intended for legal, survey, or other related uses. Please obtain the original recorded documents for legal or survey information.

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 2017

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 - Dock wall/slip construction and rehabilitation at the city-owned car ferry lakefront dock. The improvements center on the landing wall and docking facility/alignment piling. The landing wall is in poor shape, with missing and unstable timbers. The landing wall is an integral structure when the car ferry is docking. The alignment piling is in need of updating, the piling is used as a pivot point for the Carferry when it is moving into its docking area.
- B - When water levels are low the vehicular loading ramp is too steep and there is difficulty moving vehicles onto and off of the car ferry. Low water levels may also require dredging for the business to continue operation. The loading ramp may be needed to be redesigned to address the problem.
- 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) Other	\$ 100,000
	<u>Total</u>
	\$ 2,500,000

- (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, 2017

PROJECT ID #2

**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 2018

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 of the Manitowoc River to allow for safe access of larger marine vessels. Update and repair approximately 900 lineal feet of dock/sheet wall along the east bank of the Manitowoc River between the existing railroad bridge and a recently removed railroad bridge. The increased river depth from the dredging would require the existing sheet wall to be increased in depth to prevent undermining. Increased river depths would allow greater access to the river for larger vessels and yachts.

B – In addition to the dredging and sheet wall improvements other landward infrastructure is planned. These improvements would enable an existing company the ability to construct larger vessels. These potential improvements would include boat lift equipment, crane pads and dry dock facilities.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources</u> (All types)	<u>Amount</u>
(b) Private	\$ 500,000
(c) Wis DOT	\$ 2,250,000
(d) Other	\$ 100,000
	<u>Total</u>
	\$2,850,000

- (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, 2017

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PROJECT ID #3

**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 2019

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

- (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, 2017

PROJECT ID #4

**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 2019

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 – This project entails the construction of a sheet wall system with the development of an adjacent riverwalk trail. Project length is roughly 2,200 lineal feet, 600 l.f. is currently sheet wall with the remaining 1,600l.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.

B – The objective of the project is to: 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</u> (All types)	<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, 2017

PROJECT ID #5

**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 2019

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 – Expansion, modernization and improvements along portions of the existing dock/sheet wall along the Manitowoc River adjacent to the City Centre LLC's "Peninsula" property. Project would include a loading platform and heavy lift equipment to transload raw materials and finished goods onto and off of barges and other marine vessels. Dredging may be necessary to allow for larger vessels to access the transloading operation.

B – Project would allow a more efficient means to receive and ship, raw and finished materials. The increased efficiency would allow the existing and future industrial businesses to remain competitive in their respective markets.

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	\$ 1,000,000
(d) Other	\$ 0
	Total
	\$ 1,400,000

(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, 2017

PROJECT ID #6

**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 2019

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 – Dock wall improvements along a 950 foot length of bulkhead abutting the Manitowoc River adjacent to the Wisconsin Central Railroad property. The project would accommodate the needs of a harbor-orientated mixed use 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. Mixed-development would increase tax base, create jobs and redevelop a blighted downtown site. The project would address a "key redevelopment" site as stated in the City's 2009 Comprehensive Plan.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$ 1,150,000
(c) Wis DOT	\$ 3,000,000
(d) Other	\$ 400,000
	Total
	\$4,550,000

- (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, 2017

PROJECT ID #7

**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 2018

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

B – The City of Manitowoc and Harbor Commission is interested in the development of a Harbor Master Plan to guide future infrastructure investments and developments.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$75,000
(c) WIS DOT	\$250,000
(d)	
	Total
	\$325,000

(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, 2017

PROJECT ID #8

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

Due: April 1
Send to: WisDOT
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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 2017

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 – Along the north bank of the Manitowoc River adjacent to the Wisconsin Maritime Museum and USS Cobia submarine there many areas where the existing whaler system is failing or has failed. The wood whaler system is missing completely making it unsafe for boats and vessels to moor along the sheet wall.

B – In addition to the failing whaler system a ramp or ladder system is needed to allow individuals to safely exit their vessel. Currently individuals have to climb over a fence barrier in some locations.

PART II Project Resources

PART III Rank & Probability

<u>Expected Funding Sources (All types)</u>	<u>Amount</u>
(b) PRIVATE	\$50,000
(c) WIS DOT	\$200,000
(d)	
	Total
	\$250,000

(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, 2017