

To: City of the Village of Douglas Harbor Authority
Date: March 10, 2026
From: Sean Homyen, Planning & Zoning Administrator
RE: Union Street Boat Launch Update



The Village of Friendliness – Since 1870

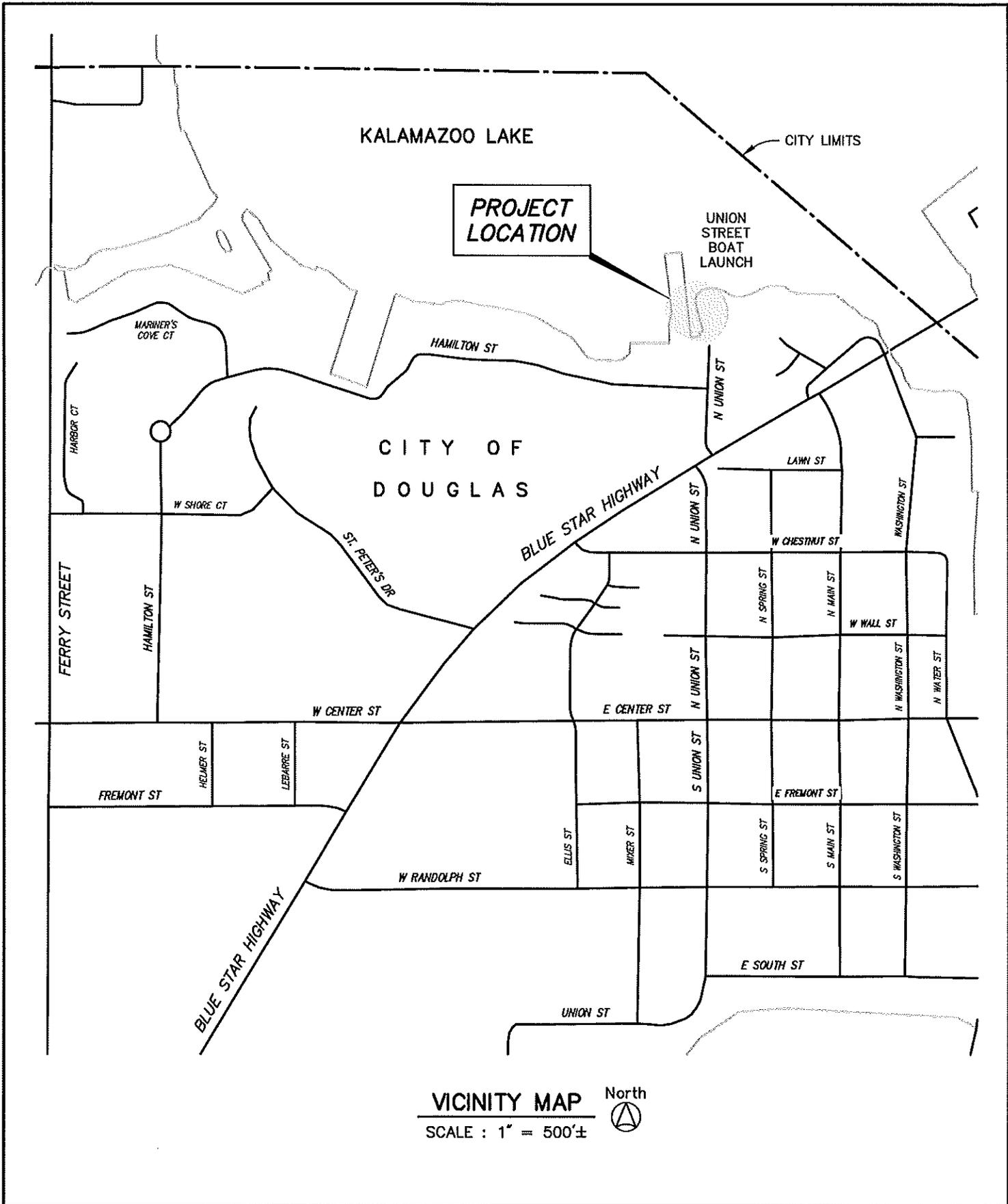
Background. Staff originally submitted an application to the Michigan Department of Environment, Great Lakes, and Energy (EGLE) for the replacement of the Union Street boat launch, which is currently in disrepair. The replacement dock has already been obtained and is currently being stored at Camp and Cruise, who will also be installing the dock.

The replacement of the Union Street dock has taken longer than anticipated due to the need for approvals from EGLE. Staff and the Department of Public Works met with EGLE on-site to assist the City through the application process. During the review of the original application submitted by the City, staff learned that Prein & Newhof was already working with EGLE on a permit related to the installation of riprap along the shoreline for the City.

Following a virtual meeting with Prein & Newhof and EGLE, EGLE advised that the City consolidate the permit applications for both the riprap installation and the replacement of the dock into a single permit application. Prein & Newhof has since taken over the preparation and submission of the consolidated permit application to EGLE and the U.S. Army Corps of Engineers on behalf of the City.

A permit from the U.S. Army Corps of Engineers has been obtained, and Site Work Solutions has been approved as the contractor for the installation of the riprap. An updated plan set was submitted to EGLE on February 10, 2026. The application has gone through four revisions to address EGLE's comments, and Prein & Newhof anticipates that the most recent revision will be the final revision needed before EGLE issues the permit.

Please feel free to reach out with any questions.



VICINITY MAP North
▲
SCALE : 1" = 500'±

W:\SWTH - 2250799_Permitt.dwg - MODEL - Oct 28 2025 - 08:18am

CITY OF DOUGLAS
 UNION STREET BOAT LAUNCH
 WATERWAY: KALAMAZOO LAKE
 LOCATION: CITY OF DOUGLAS
 ALLEGAN COUNTY, MICHIGAN,
 SECTION 16, T3N, R16W

APPLICANT:
CITY OF DOUGLAS
 86 W CENTER STREET
 P.O. BOX 757
 DOUGLAS, MI 49406
 (269) 857-1438

PREPARED BY :
Prein & Newhof
 Engineers • Surveyors • Environmental • Laboratory
 3355 EVERGREEN DRIVE NE
 GRAND RAPIDS, MI 49525/(616-364-8491)

OCTOBER, 2025
 Project No.
 2250799
 Sheet
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EX. SCOUR HOLE 1.5'-2.0' DEEP±
AT END OF RAMP CAUSING
SLIDING OF CONCRETE PLANK

EDGE OF RAMP,
5.8'± DEPTH,
(IGLD85 = 573.7±)

EX. CONCRETE PLANK
(TYP. 4' x 18')

60.0'

PROPERTY LINE EXTENDED (±)

61.0'

PROPERTY LINE EXTENDED (±)

LAKE MICHIGAN
EGLE OHWM
(IGLD85 = 580.5)

APPROXIMATE
WATER'S EDGE
(IGLD85 = 579.5±)

EX. EMERGENT
WETLAND

EX. FLOATING DOCK
(REMOVE)

EX. CONCRETE WALK
AND ABUTMENT

APPROXIMATE LOCATION OF
PROPERTY LINE EXTENDED
(TYP.)

EX. HMA
APPROACH

5.0'±

18.0'±

6.0'

3.0'±

EXISTING RAMP CONDITIONS

SCALE : 1" = 10'±



15/10/21 - 2250799_Permit.dwg - MODEL - Oct. 28 2025 - 08:18am

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PLACE 10 CYDS
OF RIP RAP ON
GEOTEXTILE FABRIC

EDGE OF RAMP,
5.8'± DEPTH,
IGLD85 = 573.7±)

***** NOTE *****

SEE SHEET 4 OF 5 FOR
INLAND LAKE AND
WETLAND IMPACT TABLES

PROP. 6.5' x 39'
SEASONAL
FLOATING DOCK
WITH SPUD PILE
ANCHORING SYSTEM

EX. CONCRETE PLANK
(TYP. 4' x 18')

APPROXIMATE
WATER'S EDGE
(IGLD85 = 579.5±)

LAKE MICHIGAN
EGLE OHWM
(IGLD85 = 580.5)

EX. EMERGENT
WETLAND

PROP. 5' x 40'
SEASONAL **Permanent**
GANGWAY

EX. CONCRETE WALK
AND ABUTMENT

APPROXIMATE LOCATION OF
PROPERTY LINE EXTENDED
(TYP.)

EX. HMA
APPROACH

PROPOSED RAMP CONDITIONS

SCALE : 1" = 10'±



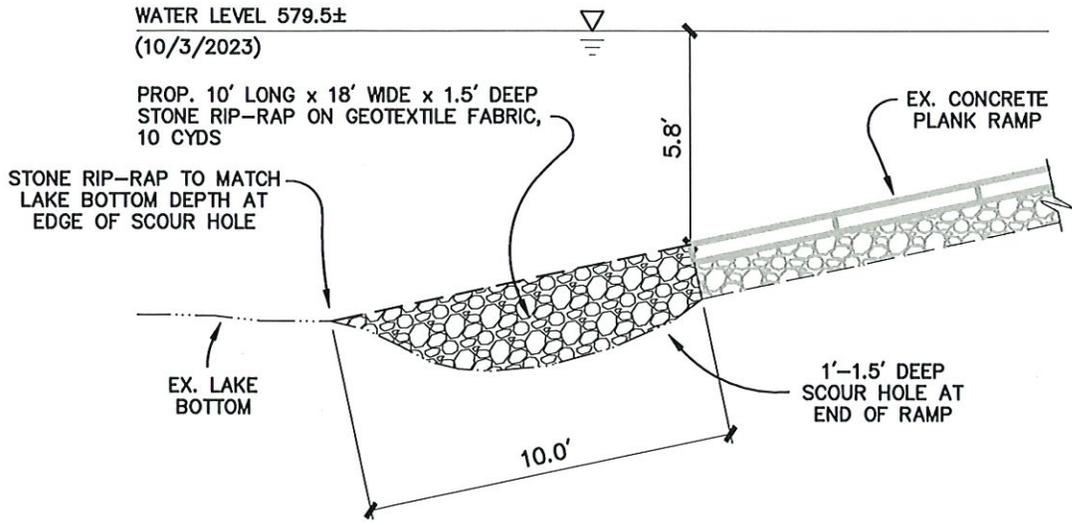
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RAMP END – SECTIONAL VIEW

SCALE : 1" = 5'±

Kalamazoo Lake Info

OHWM El.	580.5	IGLD 85
Permanent Impact Area	593.5	Sft

Kalamazoo Lake Impacts

Activity	Length (ft)	Width (ft)	Depth (ft)	Area (Sft)	Vol (Cyds)
Riprap	10	18	1.5	180	10.0
Boardwalk - Dock	32	5	1.5	160	8.9
Dock	39	6.5	0.5	253.5	4.7

Wetland Info

Type	Emergent
Perm Impact Area (sft)	40
Temp Impact Area (sft)	0

Wetland Impacts

Activity	Length (ft)	Width (ft)	Depth (ft)	Area (Sft)	Vol (Cyds)
Boardwalk	8	5	1.5	40	2.2

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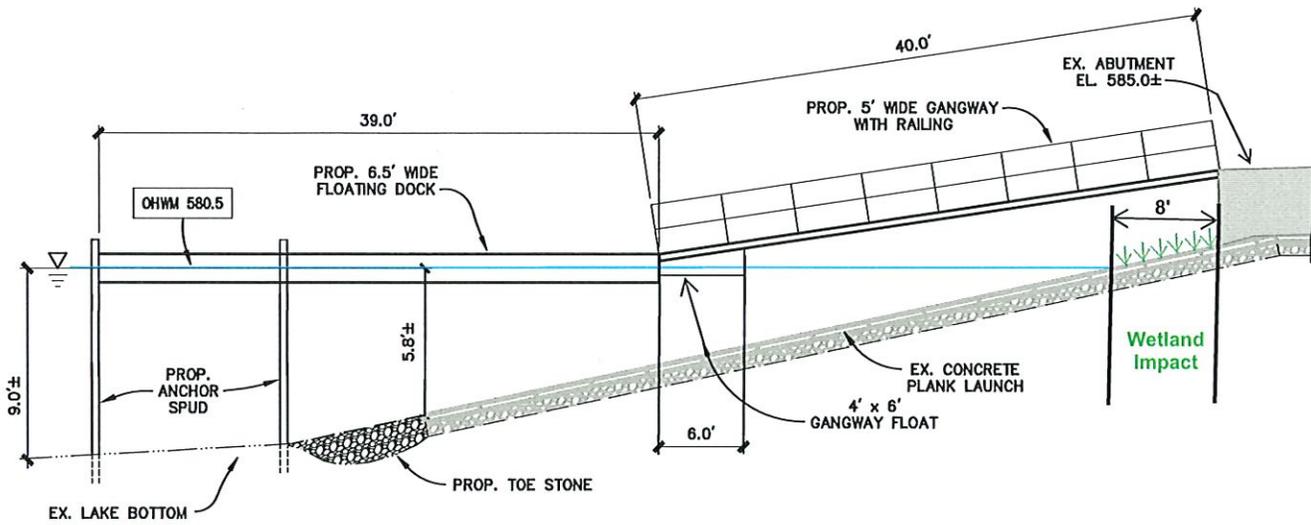
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RAMP ELEVATION

SCALE : NONE

