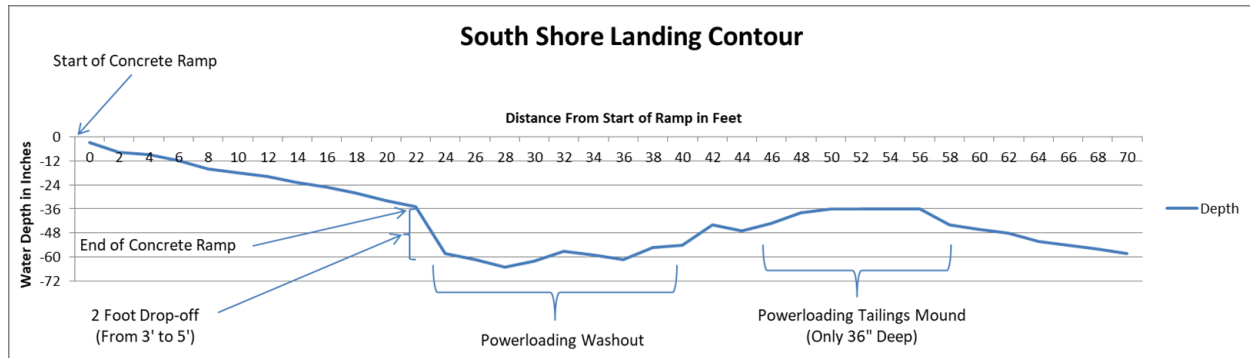


UPPER POST LAKE SOUTH SHORE BOAT LANDING IMPROVEMENTS

August 6, 2022



At its August 7, 2021 Annual Meeting, the PLP&RD agreed to move forward with a plan of action to renovate the Upper Post South Shore Boat Landing, should the Lake District be successful in obtaining a State of Wisconsin, Recreation Boating Facilities (RBF) Grant. On August 10, 2021, the Wisconsin Waterways Commission awarded the Town of Elcho & PLP&RD a (RBF) Grant of \$121,974.66 for renovations to the South Shore Boat Landing. On November 10, 2021, the Wisconsin Waterways Commission increased the district's grant allocation to \$141,831.00. In March of 2022, the Town of Elcho & PLP&RD was also awarded a Federal, Sport Fishing Restoration (SFR) Grant for an amount of \$113,500. The estimated cost for the improvements is \$352,000.

The Town of Elcho has contracted with MSA Engineering of Stevens Point, Wis to develop preliminary plans for the project. Improvements at the landing will include an asphalt access road and parking lot, replacement of the existing boat ramp and a concrete surface for placement of a portable restroom. The improvements were needed because of several issues that have developed over time. Each year, winter ice pushes the existing concrete boat ramp further and further onto shore, causing a growing upheaval at the front of the ramp. At present, the Town of Elcho has been able to manage this issue by adding gravel to the front of the ramp to smooth out the transition. Another major issue is that a washout has developed at the lake side end of the concrete ramp. This is caused by people power loading their boats onto their trailers. This washout creates a drop-off at the end of the ramp as well as an accumulation of tailings behind the washout. This situation has caused trailers to get hung-up on the ramp and boat motors to hit the tailing pile (see diagram above). Other issues include inadequate water runoff management and the landing does not meet ADA accessibility standards.

The project is tentatively schedule for 2023, with work beginning after Labor Day of that year.

The proposed loan is being financed through the Board of Commissioners of Public Lands. Their current published interest rate for a loan with a 10 year term is 4.5%. Depending upon the actual date when we need the funds, the annual repayment amount will be approximately \$12,500. Based on 2021 equalized values, repayment of the loan would add \$8.90 per \$100,000 assessed property value.

Again, using last year's equalized values the total proposed Lake District mill rate, including the boat landing loan repayment, is projected to be less than \$0.34 per \$1,000 of assessed value. For example, a home with an assessed value of \$200,000 would be taxed \$68 for the services provided by the Lake District.

POST LAKE PROTECTION AND REHABILITATION DISTRICT

Resolution 08-06-2022

PLP&RD AUTHORIZATION TO BORROW MONY FROM BCPL STATE TRUST FUND

WHERE AS, the Town of Elcho, Wisconsin maintains title to the property for Post Lakes three boat landings and has limited resources to maintain these landings and,

WHERE AS, the Post Lake Protection and Rehabilitation district has a vested interest in maintaining safe and accessible boat landings on Post Lakes, and

WHERE AS, the Post Lake Protection and Rehabilitation District has, over the past 6 years, accepted financial responsibility for providing upgrades for these three landings, and

WHERE AS, the Post Lake Protection and Rehabilitation District has, worked in cooperation with the town of Elcho, Wisconsin, to obtain both State and Federal grants in the amount of \$255,331.00 to help fund renovations to the Upper Post Lake South Shore Landing.

NOW, THEREFORE BE IT RESOLVED, that the **Post Lakes Protection and Rehabilitation District**, in the County of **Lanlade**, Wisconsin, borrow from the Trust Funds of the State of Wisconsin the sum of **One Hundred Thousand and 00/100 Dollars (\$100,000.00)** for the purpose of **financing upgrades to Upper Post South Shore public boat landing, including providing ADA access to Post Lake** and for no other purpose.

The loan is to be payable within 10 years from the 15th day of March preceding the date the loan is made. The loan will be repaid in annual installments with interest at the rate of 4.50 percent per annum from the date of making the loan to the 15th day of March next and thereafter annually as provided by law.

RESOLVED FURTHER, that at the annual meeting, the electors and property owners voted by majority to raise and levy upon all taxable property, within **the Post Lakes Protection and Rehabilitation District**, in the County of **Lanlade**, Wisconsin, a direct annual tax for the purpose of paying interest and principal on the loan as they become due.

RESOLVED FURTHER, that no money obtained by the **Post Lake Protection and Rehabilitation District**, by such loan from the state be applied or paid out for any purpose except **financing upgrades to the Upper Post Lake South Shore Boat Landing, including providing ADA access to Post Lake**, without the consent of the Board of Commissioners of Public Lands.

RESOLVED FURTHER, that in case the Board of Commissioners of Public Lands of Wisconsin agrees to make the loan, that the chairman and secretary of the **Post Lake Protection and Rehabilitation**, in the County of **Lanlade**, Wisconsin, are authorized and empowered, in the name of the district to execute and deliver to the commission, certificates of indebtedness, in such form as required by the Commission, for any sum of money that may be loaned to the district pursuant to this resolution. The chairman and Secretary of the district will perform all necessary actions to fully carry out the provisions of Chapters 24 and 33 Wisconsin Statutes and these resolutions.

RESOLVED FURTHER, that this preamble and these resolutions and the aye and no vote by which they were adopted, be recorded, and that the secretary of the district forward this certified record, along with the application for the loan, to the Board of Commissioners of Public Lands of Wisconsin.

Preliminary Cost Estimates from MSA Engineering

August 2, 2022

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNITS	UNIT PRICE	TOTAL PRICE
1	Mobilization, Bonds, & Insurance	1	L.S.	\$ 35,000.00	\$ 35,000.00
2	Erosion & Sedimentation Controls	1	L.S.	\$ 4,000.00	\$ 4,000.00
3	Clearing & Grubbing	1	L.S.	\$ 4,000.00	\$ 4,000.00
4	Turf Restoration	1	L.S.	\$ 8,000.00	\$ 8,000.00
5	Furnish & Install Silt Fence	350	L.F.	\$ 3.00	\$ 1,050.00
6	Furnish & Install Erosion Mat Class 1 Type B	620	S.Y.	\$ 3.00	\$ 1,860.00
7	Furnish & Install Vehicle Tracking Pad	1	L.S.	\$ 1,000.00	\$ 1,000.00
8	Ramp Construction Dewatering	1	L.S.	\$ 38,000.00	\$ 38,000.00
9	Lakebed Excavation - Dredging	1	L.S.	\$ 6,000.00	\$ 6,000.00
10	Furnish & Install 8" Thick Washed Stone Subbase	25	C.Y.	\$ 80.00	\$ 2,000.00
11	Furnish & Install 8' x 15' Precast Ramp Section	5	EA.	\$ 4,500.00	\$ 22,500.00
12	Furnish & Install 10' x 15' Cast in Place Ramp with Keyway	1	EA.	\$ 9,200.00	\$ 9,200.00
13	Furnish & Install 6'x6' Concrete Dock Interface	1	EA.	\$ 4,900.00	\$ 4,900.00
14	Geotextile Fabric, Type R	179	S.Y.	\$ 5.00	\$ 895.00
15	Furnish & Install Medium Rip-Rap	111	C.Y.	\$ 120.00	\$ 13,320.00
16	Furnish and Install 6-Inch Minus Breaker Run	10	C.Y.	\$ 95.00	\$ 950.00
17	Unclassified Excavation	1	L.S.	\$ 15,000.00	\$ 15,000.00
18	Excavation Below Subgrade	150	C.Y.	\$ 15.00	\$ 2,250.00
19	Granular Borrow	150	C.Y.	\$ 21.00	\$ 3,150.00
20	Rock Excavation	20	C.Y.	\$ 65.00	\$ 1,300.00
21	Furnish & Install Geotextile Fabric, Type SAS	1,575	S.Y.	\$ 5.00	\$ 7,875.00
22	Furnish & Install Geogrid Reinforcement	1,575	S.Y.	\$ 9.00	\$ 14,175.00
23	Furnish & Install 9" Thick Base Aggregate Dense 1 1/4-Inch	1,575	S.Y.	\$ 12.00	\$ 18,900.00
24	Furnish & Install 3.5" Thick Aggregate Shoulder, 3/4-Inch	150	S.Y.	\$ 18.00	\$ 2,700.00
25	Furnish & Install 3.5" Thick Asphaltic Concrete Pavement	1,575	S.Y.	\$ 25.00	\$ 39,375.00
26	Pavement Marking, Epoxy White, Symbol	1	EA.	\$ 200.00	\$ 200.00
27	Pavement Marking, Epoxy 4-Inch White	400	L.F.	\$ 9.00	\$ 3,600.00
28	Pavement Marking Epoxy Hatch	2	EA.	\$ 300.00	\$ 600.00
29	Furnish & Install Treated Wood Post 4X4-Inch X 12-Fect	3	EA.	\$ 150.00	\$ 450.00
30	Sign Reflective Type II	15	S.F.	\$ 30.00	\$ 450.00
31	Furnish & Install Cedar Split Rail Fence	250	L.F.	\$ 40.00	\$ 10,000.00
32	6' wide x 50' long 50-foot long Wheel in Dock System, Complete	1	EA.	\$ 19,000.00	\$ 19,000.00 ?
33	Pre-Fabricated Concrete Restroom (Pit Toilet), Complete	0	EA.	\$ 25,000.00	\$

CONSTRUCTION TOTAL: Items #1-#33	\$ 291,700.00
DESIGN ENGINEERING	\$ 26,253.00
CONSTRUCTION ENGINEERING	\$ 9,917.80
PROJECT TOTAL	\$ 327,870.80

Upper Post South Shore Boat Landing with Improvements

DATE: 08/14/2023		PROJECT: UPPER POST LAKE MAIN BOAT LANDING IMPROVEMENTS		MBA ENGINEERING, ARCHITECTURE, LANDSCAPE PLANNING, CONSULTING 4610 North Lincoln Drive, Milwaukee, WI 53212 (414) 353-1000	UPPER POST LAKE MAIN BOAT LANDING IMPROVEMENTS TOWN OF ELDON PARCEL 0081929 ELCHO, WI 54628	SHORE INTERFACE DETAIL SHEET
DESIGNED BY: J. H. HARRIS	CHECKED BY: J. H. HARRIS	DATE: 08/14/2023	PROJECT: UPPER POST LAKE MAIN BOAT LANDING IMPROVEMENTS			

