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To Whom It May Concern: Lake Como Beach Property Owners Association

Cass Kordecki requested that I exam 200' linear feet of shoreline just south of the corner of Whittier and Lakeshore Drive on the North Shore of Lake Como for possible remediation. Botanica has marked the site's western and eastern edge with red flags, and it runs from pier 77 (93?) on the western edge to pier 90 on the eastern edge.

The site has experienced major ice heave, and is 4' above prevailing grade in some spots. The lake side bank shows serious undercutting, and risks sloughing off into the water under severe stress. The site is heavily vegetated, but mostly with rank vegetation such as: Asiatic Daylillies, Box Elder, Ash, Buckthorn, Large Leaf Linden, and Willow.

The remediation process for this site would proceed as follows, with ballpark cost estimates for each step:

- 1) Pull necessary zoning and land disturbance permits with Walworth County L.U.R.M. and necessary rip-rap permits with WI. D.N.R. \$2000 design/fees
- 2) Remove all large trees from the heaved sections of the bank. \$2000 to remove trees
- 3) Re-grade the site to establish optimal 1:2 grade. \$2000 to re-grade
- 4) Install rip-rap below the ordinary high water mark. \$5000 to install rip-rap
- 5) Kill remaining vegetation above the ordinary high water mark to the edge of the re-graded site. \$ 750
- 6) Install approximately 1000 native plugs, roughly 3-5 native hardwood trees, and 20-30 native shrubs to replace the woody and understory vegetation that was lost due to the re-grading. \$4000 to install plant material
- 7) Mulch site with straw or hardwood bark/newspaper. \$250 – \$2000 to mulch depending on choice of mulch.

Please note that the cost estimates are just educated guesses. Shopping the work will yield a wide range of prices.

Respectfully submitted,
John S. Packard