

July 14, 1944

Sylvan Lake Improvement Association
Mundelein, Illinois

Attention: Mr. Frank Noeth
President

Subject: Retaining wall at the beach.

Gentlemen:

At the general meeting held June 18th., it was requested that some thought be given to the building of a retaining wall at the beach. This wall would act as a barrier to prevent the erosion of ground upon the sand of the beach, and also to stop the excess flow of water across the sand which during the past was washing the sand from the beach into the lake.

The suggestion was made that a concrete wall be erected and with this in mind bids were requested from local cement contractors. The writer contacted Mr. Johnson of the Mundelein Cement Works and though Mr. Johnson did not come out to look the area over, he estimated, from descriptions, that this wall would cost approximately \$5.00 per running foot. His suggestion was that the wall be at least 42 inches below ground level and at the bottom a footing be made and steel rods placed, after the footing had set he would then pour the balance of the concrete having a thickness of 12 inches at the base and 8 inches at the top, and 1½ feet high. The above bid is quite high in that this wall would have to be at least 150 running feet, which would make the entire cost in the neighborhood of \$750.00.

Mr. Madole, the concrete contractor at Libertyville, was contacted by Mr. Wallrad and Mr. Madole was interested enough to come out and look the beach area over. He gave an estimate of \$350.00 based on the wall beginning at the waters edge, a few feet east of the east pier and following the edge of the grass to the point just beyond the west pier. This was a distance of 155 feet. This bid was based just on digging a trench approximately 3 feet deep, or 3 feet below ground level and as narrow as possible and then running the concrete 1 foot above ground level having a thickness of 6 inches at the top. He did not however discuss the use of metal tie rods which would necessarily increase his cost. He did however mention that perhaps in figuring, it perhaps would be a possibility of reducing the price \$25.00 making the total price \$325.00.

The writer knowing the financial situation of the Association has taken the liberty of getting prices or rather costs for the erection of a wall made of wood and which in his opinion would serve both as an experimental measure and temporary measure. Considering it as a temporary measure it is thought that a wooden wall would last at least six or seven years and in which time it could be a definite improvement in the appearance of the beach. Thought must be given as to the general appearance of the beach area as it is one of the first things that is seen when anyone is entering the lake area through which some consider the main entrance, that is the entrance by the dam. The possibility of using the wood wall was based on using 2 x 12 plank and creosoting the back surface which would be against the ground, and would be exposed to the excessive moisture, and painting white the exposed surface which would be facing the beach proper. These planks would be held in place by bolting to iron rods which had been driven into the ground 2 or 3 feet and the planks themselves where butted together bolted by metal plate. 2 X 6 finished lumber could be placed on top of these planks which in turn would act as a seat where people could sit while watching others bathing and this in itself would save a cost of benches being built to be placed at the beach area for this purpose. From the prices quoted on lumber, steel rods, bolts, paint and etc., it has been found that this type of a wall could be built in the neighborhood of \$45.00 to \$50.00, not including labor. It is thought that since this type of wall is very simple to erect that enough labor could be obtained from the membership so that it could be built without labor cost.

Regardless of the type of wall decided upon it is suggested that it be built in the fall so that the necessary improvements such as filling with dirt and the planting of grass seed could be done at that time so that the following spring the appearance would be to the general improvement of the entire area.

If there is any other information you may require regarding the plan it will be furnished to you upon your request.

Very truly yours



C. H. KRAMPE
Chairman of Beach Committee

June 1944 Report of Sylvan Lake Beach Committee

Several members of the association have spent time at the beach clearing weeds, repairing the piers, and spreading new sand which improved its appearance somewhat.

Last summer's suggestion of placing railroad ties at the rear of the beach has not been acted on as it was felt, after more thought, that this still would not prevent heavy rains from washing the sand out into the lake and dirt down onto the beach.

We now suggest that a concrete retaining wall be installed along a line where the posts are situated and running between the two piers. The sod would have to be removed back to this point and sand added. This would make a larger beach and one less liable to wash away.

We should like to suggest again that members going swimming keep your committee by bringing a rake along and raking weeds that are floating near the beach and also pulling weeds growing on the beach itself.

C. J. Wallis

June 18 1944

Sylvan Lake Improvement Association

The Membership Committee
wishes to report that in 1944
we collected a total of \$885.⁰⁰

Respectfully Submitted

R. Johnson
Chairman