

Edgewood Wall Restoration Project

Nature of the Proposed Work:

The Edgewood Dry Stack Wall initiative is a restoration project to professionally rebuild and restore the W.T.C. Boyd heritage designated dry stack stone wall located at 28 Boyd Street in Bobcaygeon. The restoration project is being managed by Environmental Action Bobcaygeon with the construction team being led by Dry Stack Walling Across Canada's world renowned professional waller John Shaw-Rimington. John will be accompanied by 4 + additional professional wallers. Project will also involve the training of several locals in the artform craft of stone walling during the restoration process.

In order to restore the wall in keeping with the original construction, the project will involve deconstruction and reorganizing of the stone and carefully rebuilding to a height of approx. 1.37 meters (similar to existing wall height). The wall will be rebuilt in the same manner as the original construction - without mortar in a double wall construction technique using interior heart/filling stone, through stones to secure the stability of the walls and top coping stones. The wall will be rebuilt in the same location as it currently sits. See attached for location drawings, photos of the walls current state and the reconstruction/restoration method to be used.

Unfortunately, stones have been removed/stolen from the Edgewood wall as it has been sitting in a state of disrepair for a number of years, allowing stones to be freely removed. As a result, additional stones will be required in order to restore the Edgewood wall. The Edgewood wall was originally commissioned by the owner of the Edgewood estate W.T.C. Boyd, son of Mossum Boyd. The extra stone needed to rebuild the Edgewood will come from the property bounded by Canal, William and Need Streets and originally owned by Mossum Boyd. The dry stack wall at that location has long since disappeared save some stone remnants that remain on site. The current owners of the Mossum Boyd property are donating the stone from their property to the Edgewood Wall reconstruction project in order to maintain the integrity/heritage of the stones/material used. Both walls were built by the Boyd family during the same era and using the same distinct stone.

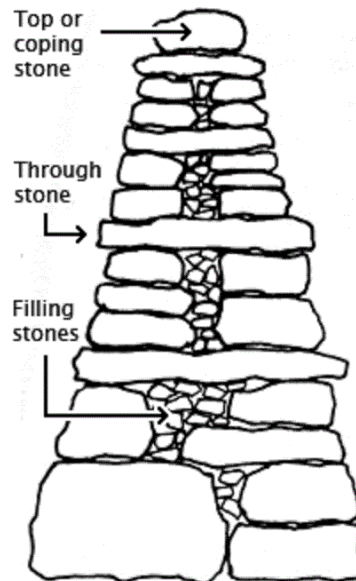
The Edgewood wall is in two sections, flanking the entrance to Sienna Case Manor. The plan involves reconstructing/restoring both the East and West wall sections. As the project is dependent on funding and the pandemic, the plan is to reconstruct the West wall during 2021 and the East wall in 2022 (although if funding and the pandemic permit, and all goes well it is possible that the project could be completed in 1 year).

Related Applications:

The proposal will require COKL realty services permission to "Use a Municipal Road Allowance" as the walling team will need to access the wall from all sides during the restoration process. Protective temporary (portable) fencing will be needed to be installed on the sidewalk side of the wall to protect the public and the site during the restoration. We have reached out to Sharri Dyer in Realty Services and will apply for the permission once the Heritage Permit Application has been approved.

Architecture of the Edgewood Wall/Fence to be restored as originally built

The W.T.C. Boyd Edgewood/Case Manor wall is an example of the double wall fence. The double wall is two rows of stone built along the area to be walled with tie in stones used to bind the two walls together and serving to increase the integrity of the wall. The Edgewood fence is representative of the typical style – foundation stones set in ground and then rows of large flat stones decreasing in size as the courses of stones are added. The interior of the two fences is also typically of its day and filled with smaller stones referred to as “hearting” or “filling”. Dry stack was used so that mortar, both difficult to obtain in large quantities and to transport to these sites, was not required. Lack of mortar also serves to eliminate the problems caused during freeze thaws cycles of our winters. Repairs on these historic fences, if done, are typically done with mortar thus compromising the historic integrity of the wall. The Edgewood Wall will be restored without mortar and in the true dry stack style as noted here to maintain its true heritage.

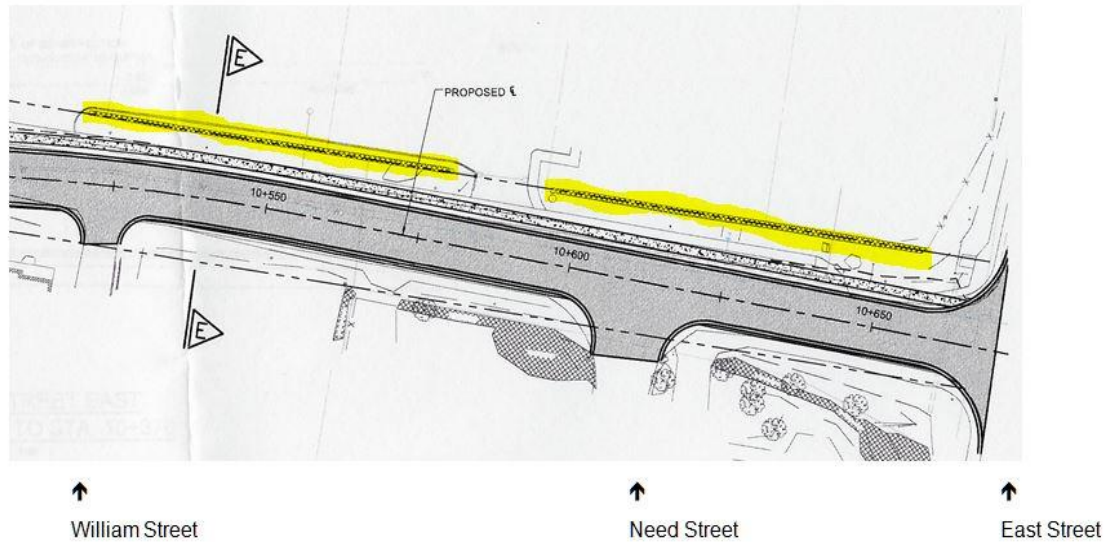


Aerial View



Figure 1 – Aerial View of the Stacked Wall

The above picture is cut from another source so the numbered references are not relevant. The Wall is on Canal Street in the Section highlighted in Red.



Excerpt of Conceptual Design plans, Canal Street Reconstruction
 [Project 17M-013015-00, Drawing HYB-1]
 WPS Consultants

Figure 2 - Location of Stacked Wall

The above diagram shows the placement of the wall on the property as well as provides a reference location for the pictures taken. Each Numbered Box corresponds to the picture listed in the Pictures Section following this.

Additional official survey documents are available from the City of Kawartha Lakes or the Surveyors Coe Fisher Cameron. The following is a scan of that survey. We have also included a subset of this file with the Wall highlighted in **Yellow**.



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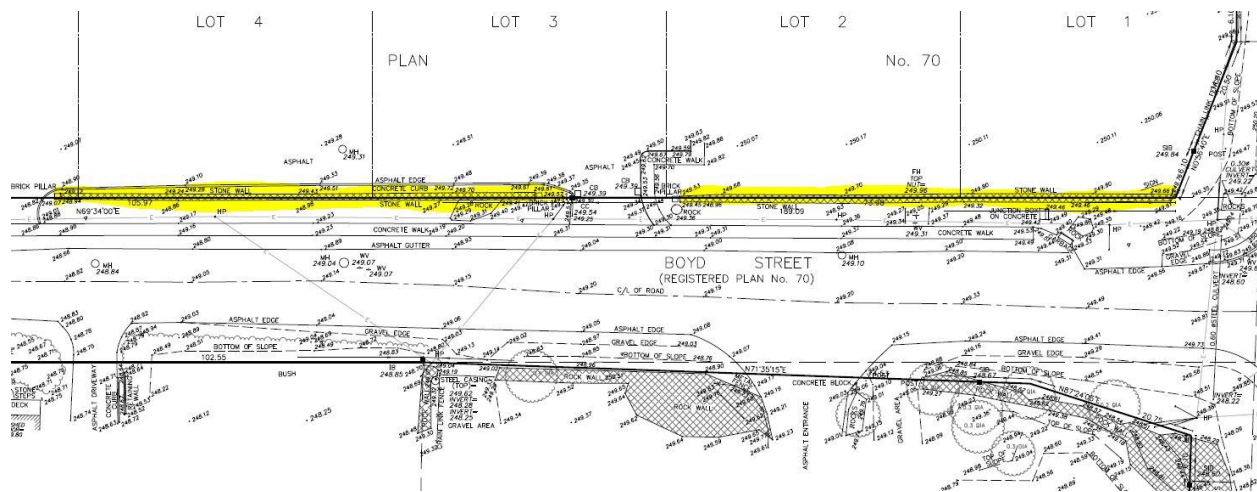


Figure 3 - Location of Stacked Wall – Coe, Fisher, Cameron - Topographic survey dated 4/1/17

Pictures

The following pictures are for general viewing and higher quality pictures are available if you require finer detail.

This depicts a section of the wall in reasonable condition



Figure 4 East Section Wall - Reasonable condition

The following are various views of the Wall.



Figure 5 Wall looking West on Canal Street from East Street



Figure 6 Wall at Far East end of Canal Street



Figure 7 Wall collapsed



Figure 8 Wall at the West end of property “leaning”



Figure 9 Wall at Mid-West end collapsed

Wall Dimensions

Height 4 – 5 ft



Entrance

192 Ft.

Height 5 – 6 ft



200 Ft.

EAST STREET
(Hwy 36)

- Each wall is double thick (two rows)