

From: [Village of Lake Bluff](#)
To: [Gail Ciolek](#)
Subject: Lake Bluff Letter - July 5, 2013
Date: Friday, July 05, 2013 5:36:29 PM

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Lake Bluff Letter July 5, 2013

Street Resurfacing Program Update

July 5, 2013 - During the week of July 1st the roadway resurfacing contractor, Peter Baker & Son, completed all curb and roadway base repairs. On July 2nd work commenced with the full width resurfacing of the roadways. It is currently anticipated all resurfacing work will be complete by July 12th. Driveway apron repairs and parkway restoration will follow during the week of July 15th.

Project Summary - On April 8, 2013, the Village Board approved a resolution appropriating \$404,213 from the Village's General Fund to complete the scheduled Roadway Resurfacing Project during fiscal year 2013-2014. Consistent with the Village's 2016 Strategic Plan goals, the Village partnered with the City of Lake Forest to jointly bid the 2013-14 roadway resurfacing work. A joint project was prepared because it is believed a larger contract will result in lower unit prices for the work being performed in each community. The Village's contractor, Peter Baker & Son, is scheduled to start during the early summer season and includes pavement resurfacing on all or portions of 12 streets in the Village. Streets are selected for repair based upon available resources and a survey taken in the fall of each year. Residents living on streets where resurfacing is scheduled will receive information before the work commences.

The roadways scheduled for resurfacing this year include:

Street to be Resurfaced:	From:	To:
Ascot Court	Armour Drive	Cul-de-sac
E. Blodgett Avenue	Sheridan Road	Bluff Road
Bristol Court	Armour Drive	Cul-de-sac
E. Center Avenue (westbound)	Sunrise Avenue	Simpson Avenue
Coventry Court	Armour Drive	Dul-de-sac
Evanston Avenue	E. Scranton Avenue	E. North Avenue
James Court	Armour Drive	Cul-de-sac
Lincoln Avenue	W. Scranton Avenue	W. Washington Avenue
Newman Court	E. Sheridan Place	E. Witchwood Lane

Event Calendar -

Committee-of-the-Whole Meeting Cancelled

Monday, July 08, 2013

Village Board Meeting

Monday, July 08, 2013

Historic Preservation Commission Meeting

Wednesday, July 10, 2013

Senior Resources Commission Meeting

Thursday, July 11, 2013

Farmers' Market

Friday, August 23, 2013

W. Washington Avenue	Western terminus	Western school entrance
Weatherford Court	Armour Drive	Cul-de-sac
Wimbledon Court	Bath & Tennis Club Road	565 ft. north

Patching of Various Streets

Additional information is available by contacting Village Engineer George Russell at 847-283-6884.

Ravine Park Ravine Erosion Control Project Update

July 25, 2013 - The Village's ravine contractor, V3 (Contractor), for the Ravine Park Erosion Control Project (Project) is near completion on the placement of rock (rip/rap) along the 2,000 ft. length of the Ravine Park streambed that is to be lined as part of the Project. All rock placement east of Moffett Rd. is complete and the Contractor has commenced with the restoration of the two areas along the ravine side slope that were utilized for access during construction. The sheet piling installation along Sylvan Rd. immediately east of the Gurney Ave. footbridge is complete. During the week of July 8th the Contractor will install a replacement storm sewer down the south slope of the ravine east of the Gurney Ave. footbridge. Once the storm sewer is installed, 3 to 4 truckloads of additional rock will be delivered and placed at the base of the easterly access area. Restoration and landscaping work will follow and it is anticipated work will be completed by July 31st.

June 25, 2013 - Sylvan Road will be closed starting June 25th, from the Gurney Avenue footbridge to Moffett Road, for a minimum of four days and possibly into next week. The length of Sylvan Road to the Gurney Avenue footbridge is being used as a staging area for sheet piling work that will start June 26th. Signs have been posted at Glen and Sylvan Avenues warning drivers of the scheduled road closures. Following the sheet piling work, a new storm structure and storm line will be built along the south slope of the ravine and will require the same street closure for two days.

Project Summary - The Village is currently undertaking a significant environmental project, the Ravine Erosion Control Project (Project). The purpose of the Project is to reduce the rate of erosion occurring in the streambed of the Ravine Park ravine and improve water quality, as well as stabilization of ravine side slopes. The location of the Project is 1,600 linear feet of Ravine Park Ravine, from approximately Gurney Avenue to the Ravine/Simpson Avenue intersection. Earlier this spring, the Village Board approved a construction contract, in the amount of \$675,000, with V3 Construction Group Limited to perform the necessary work. The Project has been made possible as a result of a Great Lakes Restoration Initiative Grant in the amount of \$789,000. The Village anticipates the trucking work to be completed by mid July and the clean up and restoration work by the end of July.

After receiving the grant, the Village hired Hey & Associates, Inc., a Volo-based environmental engineering company specializing in water resource solutions. Hey and Associates designed the proposed project and obtained for the Village the necessary permits from the Corps of Engineers and the Lake County Stormwater Management Commission.

It is estimated that the depth of the ravine, along the length of the project area, has increased an average of 4 ft. in the last 40 years. The erosion and lowering of the streambed leads to a steepening of the ravine side slopes, which in turn causes slide failures of the slopes. If this continues to remain unchecked, the streambed erosion could lead

in the decades ahead to a loss of portions of the paved surfaces of Ravine Avenue and Sylvan Avenue that are currently in close proximity to the top edges of the ravine. In addition, the erosion causes huge quantities of sediment to be carried from the ravine into Lake Michigan. The sediment causes water clarity issues and covers the bottom of the lake where it can have ecological impacts on aquatic habitats and organisms.

The proposed project will primarily involve the trucking and placement of a large quantity of stone rip/rap material along portions of the streambed. The contractor will be accessing the ravine in four different locations. Two of the locations will be along Ravine Avenue east of Moffett Road and west of Simpson Avenue. There will be an additional access point off of Ravine Avenue just east of the Gurney Avenue footbridge. A fourth access point will be off of Sylvan Road east of the Gurney Avenue footbridge. At the Sylvan Road access location the contractor will install some sheet piling where a significant slide occurred several years ago on the ravine slope right at the edge of Sylvan Road.

The contractor has advised the Village that rock hauling and placement operations will begin the week of May 20th. The contractor will commence with the work in the downstream locations first and then work westbound. The contractor is estimating that rock hauling and placement east of Moffett Road will take approximately 6 weeks to perform once rock placement begins and that an additional 2-3 weeks of rock placement will be necessary for the portion of the project west of Moffett Road.

Unfortunately the rock placement activity will be a very noisy operation and will involve extensive trucking activity. During construction, the portions of Ravine Avenue between Simpson Avenue and the Gurney Avenue footbridge will be posted for local traffic only. During the construction project we ask that residents not utilize Ravine Avenue unless your driveway access is within the portion of the roadway posted for limited access. Depending upon the specific locations where rock dumping is occurring, access to Ravine Avenue on certain days may only be from one direction at a time.

The far east end of Sylvan Road from the Gurney Avenue footbridge to Moffett Road will be closed when work is occurring along the portion of the ravine immediately adjacent to this location. It is the intention that the Gurney Avenue footbridge will remain open to pedestrian traffic, although there may be a week the footbridge is closed to allow the contractor to install the sheet piling and a new storm sewer outfall immediately to the east of the footbridge location along the edge of Sylvan Road.

Upon completion of the rock work in the streambed, the access points into the ravine will be restored and roadway restoration work will occur. The Project, though very disruptive while in progress, will significantly help to provide long term stabilization of the ravine side slopes and the vegetation on those slopes. After a few years the lighter colored rocks will soften in appearance and the exposed rock streambed will begin to silt over.

According to a survey and report by the Illinois Department of Natural Resources performed in 2009, the condition of the Ravine Park Ravine in Lake Bluff is similar to many of the 47 different major ravines along the North Shore (from Winnetka to Zion) that discharge stormwater runoff into Lake Michigan. According to the report all of the ravines have erosion, water quality, and loss of habitat concerns. It is hoped that this project can serve as a model for future ravine restoration projects.

Additional information is available by contacting Village Engineer George Russell at 847-283-6884 or at grussell@lakebluff.org. The Village thanks you in advance for your understanding and cooperation over the next several months.

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