



THE BRIDGE

Robert Parker Coffin Road Bridge Update

On November 14, 2017, the Long Grove Village Board approved a contract to repair the Robert Parker Coffin (RPC) Bridge. The lower structural portion of the bridge will be repaired, at primarily the west abutments, along with drainage improvements on each side. Large rocks will be installed underneath the bridge to help prevent shoreline erosion, which is called ‘riprap’.

The new repair contract will cost the Village \$77,794, in addition to the more than \$300,000 the Village of Long Grove has invested in RPC Bridge repairs and maintenance dating back to 2004. The bridge is also in need of a new roof, and requests for this project will be put out for bid in 2018.

While it is not guaranteed, according to Village engineers, these planned repairs for 2018 are expected to lengthen the life of the bridge for an additional five to 10 years. The Village will continue to evaluate appropriate and longer-term options for the RPC Bridge in a measured way. The goal is to reach a sensible and integrated plan that will benefit infrastructure for the entire downtown area, which includes the RPC Bridge, water transmission, sidewalks, lighting, burial of utility lines, road pavement and maintenance. For more information, please contact the Village of Long Grove at [847-634-9440](tel:847-634-9440).

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From The Village President



Bill Jacob
Bill.Jacob@LongGroveIL.gov

Happy New Year and welcome to 2018! Our Village will celebrate its 62nd birthday this year, and our state is celebrating its 200th anniversary, as Illinois became the 21st state in the country on December 3, 1818.

As we look to the year ahead and Village projects in front of us, I'm looking forward to the following:

- Completing and adopting the update to our Comprehensive Plan, which will serve as a guide for our Village in regard to land use, future development and Long Grove's overall long-range vision.
- Continued economic development and more new businesses openings in Long Grove. All signs point to the economy continuing to expand in the years ahead. I look forward to Long Grove being able to benefit from this, and utilize increased sales tax revenues to fund our Village initiatives.
- Improvements to Old McHenry Road in our downtown, including new sidewalks, street lamps and the Robert Parker Coffin intersection. Prior to this project starting, the Village will extend our downtown public water main up Old McHenry Road.
- Necessary repairs to the abutments and roof of the Long Grove Bridge, which are estimated to provide another five to 10 years of use before other major repairs and/or restoration will be needed.
- Completing our 2018 Road Paving Program. Based on recently updated calculations, the Village has paved 40-percent of our Village-owned roads over the past three years, and by the end of 2018 we will be more than 50-percent complete. We are well ahead of schedule on our 15-year Road Paving Plan, which is great news!

We have much to accomplish as a Village in 2018, and I'm confident that it will be another successful year for us.

Village President - *Bill Jacob*

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The Village Wants to Connect with You

Quick Links

[RPC Road Covered Bridge - NEW](#)

[North Krueger Road Improvements - NEW](#)

[Long Grove Comprehensive Plan Project Website](#)

[Downtown Public Water](#)

[Village Officials and Contacts](#)

[Board, Commission & Committee Agendas, Meeting Materials & Meeting Minutes](#)

[Village Newsletters](#)

[eNewsletter Sign Up](#)

The Village invites you to sign up for, and receive timely information via the E-newsletter and/or Connect-CTY if you aren't subscribed to these communications already.

Residents can sign up for the Village E-newsletter, which contains timely news for residents, and is emailed to subscribers on the first and third Thursday of the month. To subscribe, visit LongGroveIL.gov/content/newsletter.

The Village would also like to remind residents about Connect-CTY, a village-to-resident notification system. This service allows the Village to send personalized emails, voice messages or text messages to subscribers regarding specific information about time sensitive or common-interest issues, such as emergencies and local community matters. Residents can register at LongGroveIL.gov by selecting Connect-CTY in the middle column.

The Village welcomes feedback from residents and businesses relating to its communication efforts. Please email info@LongGroveIL.gov, or call **847-634-9440** to provide any feedback.

Are You Interested in Volunteering for a Village Committee?

The Village of Long Grove has several key committees that serve as advisory bodies to the Village Board. These committees include:

1. Plan Commission and Zoning Board of Appeals (PCZBA): The PCZBA focuses on development, plan review and recommendations for zoning changes. A current major project of the PCZBA is updating the Village Comprehensive Plan.
2. Architectural Commission (AC): The AC reviews building requests, including signage with an emphasis on aesthetics and harmony within the Village.
3. Conservancy/Scenic Corridor Committee (CSCC): The CSCC provides advisory information on districts and scenic corridors.
4. Economic Development Commission (EDC): The purpose of the newly created EDC is to attract businesses to Long Grove as described in the Village's Comprehensive Plan, and is an advisory body in matters related to businesses in the Village.
5. Pathway Committee (PC): The PC reviews all pathway plans and focuses on the development and interconnection of all pathways in the Village.

Please note: The Village is currently in need of a secretary on the Architectural Commission, as well as a commissioner on the Conservancy/Scenic Corridor Committee. The Village is also seeking commissioners for the Economic Development Committee.

To inquire about any of the positions listed above, or future opportunities, please email Village President Bill Jacob at Bill.Jacob@LongGroveIL.gov



Protect Your Property While on Vacation With a House Watch



There are roughly 2.5 million burglaries a year; 66-percent are home break ins, which are 6-percent more likely to occur during the day when homeowners are at work, running errands or on vacation. The Lake County Sheriff's Office encourages residents to set up a home watch when their property will be vacant for an extended period of time. An officer will be assigned to do a random check to ensure the home is secure while residents are away.

Some extra precautions residents can take to prevent burglaries from happening include:

- Stop your mail delivery or have a neighbor pick up packages.
- Have a neighbor park their vehicle in the driveway so it looks like someone is home.
- Hook timers up to televisions or lights. Place outside lights on a motion-activated sensor.
- Place a 'Beware of Dog' sign up, even if you do not own a dog.
- Leave a key and an alarm code with a trusted neighbor that is usually home and can help if an issue arises.

To schedule a house watch while you are away, please contact the Lake County 911 Communications Center at [847-549-5200](tel:847-549-5200). The Lake County Sheriff's Office recommends viewing 'Preventing Burglaries - How to Protect Your Home' published by the National Neighborhood Watch Program. The document details how to properly secure doors and windows, and provides a safety checklist for residents.

To view the document, visit lakecountyil.gov/DocumentCenter/View/2858.



Route 53 Extension Discussion: Part 1

Targeted funding, including hoped-for innovations, covers less than 30-percent of the proposed project.

The Village of Long Grove opposes the Route 53 extension project, which has existed in various forms since 1962. While the extension is said to decrease traffic congestion, many other facts and aspects of the project may not be well-known. This discussion will cover project financing, and is the first in a series of articles that will help residents to understand many of the details and aspects of this proposal.

A project finance committee was established to review and recommend project funding tools; the most recent financing study was completed in 2015. Total expected costs are presently \$2.3 to \$2.65 billion, expressed in 2020 dollars. The recommended funding includes new strategies (listed below) that would require new laws as well as new money, yet addresses only \$745 million, or 28- to 31-percent of the expected cost.

- A new 4-percent motor fuel tax in Lake County, affecting all motor fuel buyers in Lake County.
- Value Capture: A Sustainable Transportation Fund would claim 25-percent of the increase in real estate taxes of commercial properties located within 1 mile of the roadway, and within 2 miles of each roadway

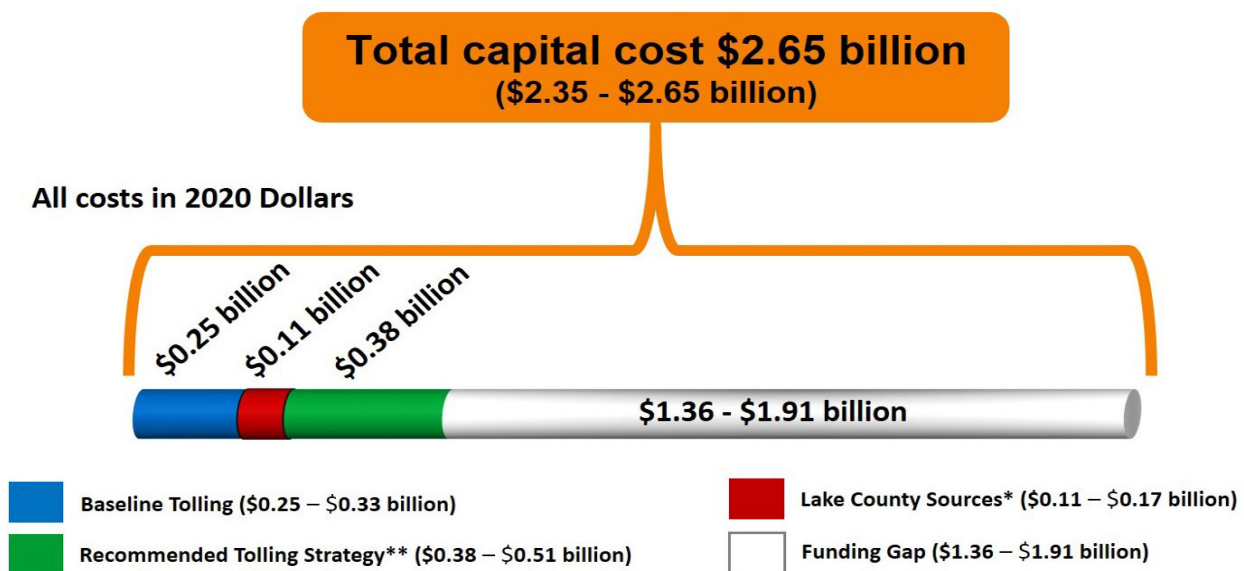
interchange. At least one interchange is identified for the Village; corridor development plans in Long Grove would be driven by state and county authorities, not by elected Village officials.

- Innovative tolling strategies starting at \$0.20 per mile, plus congestion tolls and inflation indexing. Current Illinois tolls run about \$0.06 per mile.
- State commitments for funding that do not yet exist.
- Tollway system commitments, including proposed increases and new tolls on other Illinois toll roads.

The Tollway will need to continue to seek additional funding sources for the proposed extension project.

For further details about the Route 53 extension, visit LongGroveIL.gov and click on ‘Village Resolution 2017-R-21 Ratifying Opposition The Extension of IL Route 53’ in the center column.

For more information about the financing study, visit <https://goo.gl/viLV8T>.



*Lake County sources include motor fuel tax and sustainable transportation fund

** Recommended tolling strategy includes I-94 mainline tolling combined with indexing and congestion pricing for Illinois Route 53/120



Image Courtesy of Rotary.org

HS Students Can Apply to Attend Rotary Leadership Conference

Do you know of a high school student who would benefit from developing their leadership skills? If so, encourage them to apply to be sponsored by the Rotary Club of Long Grove, Kildeer and Hawthorn Woods, for one of the spring 2018 Rotary Youth Leadership Award (RYLA) retreats. RYLA is a nonprofit training program for leaders and potential leaders, for freshman through seniors in high school.

The purpose of the RYLA program is to recognize young people who have demonstrated leadership skills, or show potential to become leaders. The program provides them with an opportunity to explore and further develop these skills. The first session of the three-day conference will take place at Edwards Camp & Conference Center in East Troy, Wisconsin on Thursday, March 8, through Sunday, March 11, 2018, and session 2 will be held on Thursday, April 12, through Sunday, April 15, 2018.

This year's conference presenters include a 7-time world champion athlete, a NY Times best-selling author and other nationally-known youth organization leaders.

For more information, visit rotary6440.org/stories/ryla-applications-now-being-accepted or contact Rotary Club President Jim Dopler at 847-421-7228, or email Jim.Dopler@aol.com.

Winter Driving Tips During Snow and Icy Conditions

Motorists should be aware of the following winter driving tips when embarking on the roads as severe weather can cause traffic delays and an increased risk for accidents. The Village is reminding residents to be cautious when driving in unfavorable weather conditions.

- Never warm up a vehicle in an enclosed area, such as a garage.
- Make sure tires are properly inflated.
- Keep the gas tank at least half full to avoid a gas line freeze-up.
- If possible, avoid using a parking brake in cold, rainy and snowy weather.
- Do not use cruise control when driving on any slippery surface.

Tips for Driving in the Snow or on Icy Roads

- Accelerate and decelerate slowly; applying the gas slowly to accelerate is the best method for regaining traction and avoiding skids. Remember: it takes longer to slow down on icy roads!
- The normal dry pavement following distance of three to four seconds should be increased to eight to 10 seconds.
- Know your brakes. Keep the heel of your foot on the floor and use the ball of your foot to apply steady, firm pressure on the brake pedal.
- Don't power up hills. As you reach the crest of the hill, reduce your speed and proceed down the hill as slowly as possible.

- Don't stop if you can avoid it. If you can, slow down enough to keep rolling until a traffic light changes.

For more driving tips visit AAA online at Chicago.AAA.com.



Help Keep Your Home Sprinkler Systems from Freezing This Winter

As temperatures drop throughout the winter months, the Countryside Fire Protection District and the Long Grove Fire Prevention Bureau are reminding residents to take proactive steps to prevent home sprinkler systems from freezing. If sprinkler systems do freeze, the results can range from leaky, to completely broken pipes that can cause a wide spectrum of water damage to the home.

Residents and property owners should keep the heat in their home no lower than 60° F (between 65° and 68° F is considered optimal) if going on vacation, or leaving the home for an extended period. Some sprinkler systems installed prior to 2006 have piping in attics that are covered with insulation. If the insulation has been moved, pipes can freeze due to exposure. Newer sprinkler systems are in most cases, located on the second level of a home behind walls, which provides additional safety measures against freezing due to temperatures being warmer in these spaces.

Fire officials also recommend if a home has a security system, that the flow switch for the sprinklers be connected to the system, so that emergency responders are notified in case of water flow in the home. Garage doors should not be left open for long periods of time during winter months, and residents should monitor local weather to know when temperatures are expected

to drop below freezing. Regular, yearly inspections, testing and maintenance of sprinkler systems are also strongly encouraged.

For additional information about sprinkler system inspections, contact the Countryside Fire Protection District at [847-367-5511](tel:847-367-5511), or the Long Grove Fire Protection District at [847-634-3143](tel:847-634-3143).



Don't Forget a Permit for Furnace Replacements

All furnace replacements require a building permit from the Village of Long Grove prior to installation. Once installed, a permit provides inspection of the furnace by a qualified mechanical inspector, to ensure it meets manufacturer's guidelines and building code requirements for safe and proper operation.

As with any mechanical piece of equipment, oxygen is required for the unit to operate properly. A lack of oxygen can result in the need for repairs and a reduced life span of the unit. Gas and electric appliances are vented, and must be properly installed so they are safe for in-home use.

Building permits can help in the case of a mishap; homeowner's insurance may not cover the cost of damages, repairs or replacement if a building permit was not obtained.

Under no circumstance should a homeowner trust a contractor or individual who says a permit isn't necessary when it comes to installing a furnace.

For questions regarding furnace installation requirements, or the building permit process, please contact the Long Grove Building Department at [847-634-9440](tel:847-634-9440) or visit LongGroveIL.gov and click on the 'forms' tab.

Under no circumstance should a homeowner trust a contractor or individual who says a permit isn't necessary when it comes to installing a furnace.

Smoke Alarm and Carbon Monoxide Detector Safety

Each year, residents are encouraged to get in the habit of changing and testing smoke alarm and carbon monoxide detector batteries when the time changes in the fall for Daylight Saving Time. If homeowners haven't done so already, make sure to test both devices to ensure they are up-to-date and working properly.

Carbon Monoxide Detector Replacement

According to Consumer Reports, most carbon monoxide (CO) alarms are backed by a five to seven year warranty, and will typically emit a chirping noise when they are nearing their end of life. **Please note:** this signal will differ from the one that indicates a low battery. If there is a problem with the unit, a model with a digital display will show an error message; those without a display system will flash a light. The test button on the CO alarm only checks whether the alarm is working, it does not test the sensor. To test the sensor on the CO detector, use a test kit that can be purchased at home improvement stores. For more information about CO detectors and where they should be placed in the home, visit nicorgas.com/safety/carbon-monoxide/CO-alarm-law.



Smoke Alarm Replacement

Smoke alarms in the home should be changed every 10 years; batteries should be changed each year. Once the life expectancy of a smoke alarm is up, there is an increased risk of the sensor losing its sensitivity. The test button on a smoke alarm will only confirm if the batteries, electronics and alert system are working; it does not mean that the test sensor is working. Smoke alarms that have outlasted their full functionality put residents in a home at risk in the event of a fire. To determine the age of a smoke alarm, check the back side of the device where the manufacturing date is located. Smoke alarms should be replaced 10 years from the date listed on the device, not 10 years from the date they were installed. For more information, visit usfa.fema.gov/prevention/outreach/smoke_alarms.html.

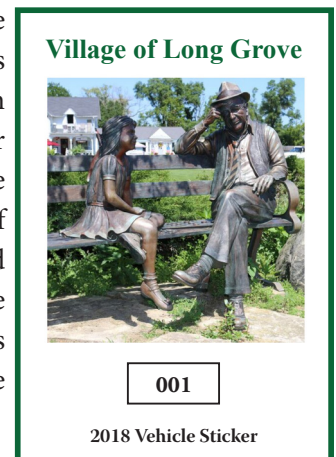
Village Receives Stormwater Grants

As part of the ongoing efforts to resolve chronic flooding issues, the Village of Long Grove applied for and received two grants through the Lake County Stormwater Management Commission, totaling \$79,383. The grants helped to pay for more than a quarter of the nearly \$300,000 in projects that are planned to address chronic flooding issues that have existed for decades on Shenandoah Lane and Three Lakes Drive.

The Village would like to thank the Country Club Estates Homeowners Association for contributing \$13,000, and to the Mutttilainen Family for granting an easement through their property for the Shenandoah project.

Village Stickers

The 2018 Village of Long Grove vehicle stickers are now available for \$10. Residents who are interested in purchasing a vehicle sticker can mail a check made payable to the Village of Long Grove, 3110 Old McHenry Road; please include your name, address and the number of vehicle stickers you would like.



Vehicle stickers can also be picked up at Village Hall during normal business hours, Monday through Friday from 8:00 a.m. to 5:00 p.m. The Village would like to remind residents that vehicle stickers are not mandatory. For more information, call Village Hall at [847-634-9440](tel:847-634-9440).



Longtime Long Grove Resident Dedicates Time to Volunteering

Longtime Long Grove resident Lee Bassett spent much of his youth in Massachusetts working on his family farm. His rural background, combined with a love for the outdoors and open space, caused him to choose Long Grove as the place to put down his roots when he moved to the area for a job opportunity in 1990.

Something Bassett found attractive about Long Grove was its conservancies - whose goal is the preservation of nature, specific species, or natural resources - along with the Village's protected areas. He started volunteering in 1990 and began attending Village Board meetings, where he learned about, and ended up joining the Scenic Corridor and Conservancy Committee. His job was to assist people who had conservancy land on their properties, to help ensure they kept the land as close to its native state as possible.

In 1994, Bassett received a call from the president of the Long Grove Park District asking if he would be interested in joining their ranks as a [volunteer] board member. He chose to get involved, and served as a commissioner for two terms, and one term as president of the board.

While on the park district board, Bassett became acquainted with the Long Grove Historical Society, where

he spent several years performing maintenance on the headquarters building and other properties maintained by the organization. He was a key organizer of the Historical Society's programs for local third grade students at the Roof Barn and Archer School. In the spring and fall, students visit each of these facilities, and participate in circa 1880-themed school activities. Members of the Historical Society take on the role of teachers from yesteryear, something that Bassett still is involved with to this day.

Today, he refers to himself as a steward of the Park District and a Long Grove enthusiast, occasionally working on the Hayrake Trail and assisting Eagle Scout candidates with their projects to receive merit badges.

Even though he is no longer a Long Grove resident, Bassett fondly remembers living in the Village, and why he began volunteering.

"Long Grove is a fascinating place," said Bassett. "I always felt like I had an obligation to put something back into the community that made itself so attractive to me, so much so that it is where I decided to live much of life."

Your home should include this life-saving system...

Residential Quick-Response Automatic Fire Sprinklers

Annual Fire Loss in the U.S.*

- Kills an average of 4,000 people
- Injures 18,125 people
- Kills an average of 111 firefighters
- Destroys \$12.3 billion of property

*NFPA 2003

Today's residential fire sprinklers are designed to blend into any decor, hidden out of sight until they are needed to save lives and protect property from fire.

A residential automatic fire sprinkler system is the single-most effective way to protect your family and home from the threat of fire. It's like having your own personal firefighter, 24-hours a day, providing the highest level of life-safety protection available.

Residential fire sprinklers are affordable, come in a wide variety of designs and will reduce homeowner insurance premiums. No other new home option or appliance can provide these benefits.

For more information contact:



**Northern Illinois
Fire Sprinkler
Advisory Board**

www.firesprinklerassoc.org

62 Orland Square Drive, Suite 201
Orland Park, IL 60462
Toll-Free: (866) 2NIFSAB (866-264-3722)



Photos courtesy of Viking Corp.



Why are sprinklers important for life safety?

Sprinklers go to work immediately to reduce danger. They do not rely on human factors or emergency assistance to activate. Fire sprinklers prevent flashover, fast developing fires of intense heat, which are capable of trapping and killing occupants.



Aren't smoke alarms enough?

Smoke alarms are essential in every household, they're designed to alert you when there's a fire. According to an NFPA report, 30% of smoke alarms didn't work in homes that had fires.* Fire sprinklers fight the flames immediately, often putting out the fire before the fire department arrives on the scene.

Installing fire sprinklers and smoke alarms cut your risk of dying in a home fire by 82% compared to having neither.

Residential sprinkler systems cost between 1 to 1.5 percent of the total building cost in new construction.

What about water usage?

Sprinklers expel far less water than a fire department hose. Because sprinklers are individually activated by heat, they put water only on the fire.



How do sprinklers operate?

Each sprinkler is individually activated. When the heat of a fire reaches between 135°–175°F, a fusible link or glass bulb will activate only that sprinkler, releasing water over the source of heat. If there is a fire that causes a sprinkler to activate in a home protected with a fire sprinkler system, the water flow will activate an alarm. Despite what we see in Hollywood movies, not all the sprinklers activate at one time and cigarette smoke will not trigger sprinkler activation.

*U.S. Experience with Smoke Alarms and Other Fire Alarms. NFPA, September 2001.



Residential Winter Vent Safety

During the winter months, there is an increase in the number of carbon monoxide incidents and detector activations due to snow accumulation near outside vents on homes. A common problem is high snow drifts that block furnace vents and air intakes, many of which have newer high-efficiency furnaces. These systems typically vent through the sill plate of the home, close to ground level through white PVC piping. Drifting snow has the potential to block these vents, causing the furnace or water heater to stop operating. Some newer high-efficiency furnaces have automatic shut-offs when the vents are blocked, but not all do. If a furnace fails to shut off, carbon monoxide may build up in a home.

The following signs may be an indication that carbon monoxide has built up in a residence: stuffy or stale air, very high humidity, fallen soot from a chimney or draft hood, or a hot draft coming from a draft hood.

While rare, carbon monoxide poisoning is dangerous, and residents should be aware of the following symptoms: headaches, dizziness and weakness, nausea and vomiting,

stinging eyes, sleepiness and heart flutters.

After any snowfall, it is important to inspect the area around the furnace and hot water heater vents outside to ensure they are snow and ice free. Remember to keep a 3-foot area clear of snow around the vent and intake pipes, and look for shrubs or other potential obstructions. Water heaters and dryer vents should also be cleared of snow to prevent possible carbon monoxide poisoning. Improper venting can be caused by the following: chimneys or vents blocked by leaves, bird nests, debris or heating residue; malfunctioning or improperly installed equipment; heating equipment improperly enclosed by paneling or other structures.

State law requires that all residential occupancies have carbon monoxide detectors installed by the property owner that are located within 15 feet of sleeping areas. More information on state statute requirements can be found at ilga.gov and searching 'carbon monoxide'.



Upcoming Meetings

January

Board of Trustees	January 09, 2018
Architectural Commission	January 15, 2018
Plan Commission and Zoning Board of Appeals	January 17, 2018
Board of Trustees	January 23, 2018

February

Plan Commission and Zoning Board of Appeals	February 06, 2018
Conservancy Scenic Corridor Committee	February 07, 2018
Architectural Commission	February 12, 2018
Board of Trustees	February 13, 2018
Plan Commission and Zoning Board of Appeals	February 20, 2018
Board of Trustees	February 27, 2018

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Village Contacts

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