



MANAGER'S REPORT FOR AUGUST 12, 2016
GENERAL INFORMATION AND RESPONSES TO MAYOR & COMMISSIONER REQUESTS

Places to be this Week...

Village Council Meeting - The next Village Council meeting will be held on **August 16 at 7:00 p.m. in the Council Chambers** at Village Hall.

Future Calendar Reminders...

Village Council Meeting - The Village Council meeting will be held on **September 6 at 7:00 p.m. in the Council Chambers** at Village Hall.

Mosquito Program Update: Staff has been working with Clarke Mosquito Control to determine if spraying will occur next week. It is likely that Woodridge, Lisle, and Downers Grove Township will spray. A decision is expected to be reached by Monday, If a spraying takes place, appropriate notifications will be made to the community.

The Village's mosquito abatement program began in June with three strategies to control mosquito populations:

1. Village crews inspect for and remove standing water where possible to eliminate breeding sites.
2. Chemical larvicides are applied where there is standing water, including catch basins, ponds and marsh areas on Village-owned properties that have stagnant non-flowing water. Larviciding targets the mosquito in the larval stage.
3. Spraying is the population method most familiar to the public. Controlling the population of adult mosquitoes with chemicals is sometimes necessary. The Village contracts a service to use the safest chemicals available in very low volumes and sprays only as needed. Spraying is most effective when it is done in conjunction with surrounding communities.

The DuPage County Health Department has an extensive mosquito trapping program and maintains a trap in Downers Grove. DuPage County notifies the Village if any of these traps test positive for West Nile Virus. So far, the trap has had one positive test as of August 5. There has been one positive test as well in the surrounding communities. Results are posted on the County's website at: <http://www.dupagehealth.org/casemaps>. The Illinois Department of Public Health also has a trap network throughout the northern Illinois area, and their staff also notifies the Village of positive tests for West Nile Virus when they occur.

Pavement Crack Sealing Nearing Completion

The Village's pavement crack sealing contract is approximately 98% finished. Crack sealing is performed on streets that were resurfaced several years ago that begin to show signs of aging, as well as on more

recently resurfaced street where there are construction joints. The material keeps water from penetrating into the asphalt, reducing damage from freeze-thaw cycles. Approximately 63 tons of material was placed on 30 center-line miles of streets. The work is expected to be complete by the end of August.

Repairs Completed to Carpenter Street Permeable Pavement

Repairs were completed last week at the intersection of Carpenter and Grove Streets. These repairs were completed at no cost to the Village. This innovative pavement treatment was installed on Grove Street to reduce runoff and improve water quality, and the treatment was extended through the intersection as a traffic calming tool. Settlement of the pavers occurred because of the high traffic volume on Carpenter Street. A new product, a pavement “fabric” that adds structural support to the pavement was used. The companies involved in this project donated time, equipment and materials, and a sign to that affect is planned to be placed at the site.

Village of DOWNERS GROVE FOUNDED IN 1912

Carpenter Street Test Pavement

The pavers used on Grove street were originally extended into Carpenter Street to create a traffic calming effect. Carpenter carries significantly more traffic than Grove Street (5 times more!) and speeds also tend to be higher. Recent studies have shown that permeable pavements are very susceptible to even moderate traffic loading.

A relatively new technology, called “triaxial geogrid”, is a very promising material that can significantly increase the strength of a pavement. The Village has reconstructed this pavement section with a triaxial geogrid inserted between two layers of the gravel base. If successful, this new technology could help to make permeable pavements feasible on even high traffic roads and highways.

NO TAX DOLLARS WERE SPENT ON THIS TEST PAVEMENT, THANKS TO THE FOLLOWING CORPORATE SPONSORS:

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For more information, visit www.downers.us or scan the QR Code here.