



## Village Continues to Work on Flood Risk Reduction and Stormwater Management

Since the July 2011 flood event, the Village has made significant progress towards meaningful flood risk reduction for residents.

### Flood Risk Reduction Study.

In October, 2011 the Village and its consultant, Christopher B. Burke Engineering, Ltd. (CBBEL) presented to the Village Council a Flood Risk Reduction Study for eight areas of the Village that are subject to stormwater flooding.

The purpose of this study was to identify potential improvements that would reduce the risk of damaging flooding for storm events with a 4%, a 2%, or a 1% annual probability of occurring.

This study identified up to \$37.8 million in improvements, primarily consisting of increased storm sewer conveyance capacity.



### Willow Road Stormwater Tunnel Feasibility.

One of the projects identified (designed to provide significant improvements to the Provident Study Area, the Pine-Spruce-Oak-Cherry-Ash Study Area, the South Study Area, the Underpass Study Area, and the Cherry Street Outlet Area) is a stormwater tunnel that would convey

floodwaters from these areas east to Lake Michigan.

The project consists of an 8-foot diameter storm sewer from roughly Glendale and Willow, running directly east under Willow Road to Lake Michigan. The pipe is to be installed by a combination of open excavation and tunneling.

The Village is currently performing a detailed feasibility analysis of this project, including meeting with permitting and regulatory agencies, utility conflict investigation, detailed analyses of how the pipe would discharge to the Lake, and independent cost estimates by a skilled tunneling contractor. The tunnel project is estimated to cost **\$32.5 million**.

### Spruce Outlet Projects.

The Flood Risk Reduction Study also identified two projects to improve areas of flooding along Tower Road east of the railroad tracks, and along Sheridan Road near and south of Maple Street.

These projects consist of a new storm sewer outlet from Sheridan Road to Lake Michigan at Lloyd Park, and a relief storm sewer along Tower Road and Old Green Bay, connecting to the ravine storm sewer system.

The Village Council has authorized engineering for this project in 2012 to develop detailed plans for permitting and eventual construction in 2013. Engineering is underway and detailed plans should be complete this summer to commence the permitting phase. These projects are estimated to cost **\$1.9 million**.

### Northwest Winnetka Project.

Finally, the Flood Risk Reduction Study identified a project to address flooding in portions of

northwestern Winnetka, consisting of increased conveyance capacity to the stormwater control pond on Forest Preserve property south of Tower Road and west of Heather Lane. This project would benefit properties along Tower Road, Greenwood Avenue, Grove Street, portions of Asbury and Scott Avenues, and possibly the Forest Glen neighborhood. The Village Council has authorized funding for detailed engineering on this project in 2012, aiming for construction in 2013. This project is estimated to cost **\$2.9 million**.

### Sanitary Sewer Study.

Much of the basement flooding experienced during the July, 2011 flood event resulted from sewer backups from the sanitary sewer system, which is only designed and intended to receive discharge from interior building plumbing systems, not rainwater.

The Village has engaged the services of engineering firm Strand Associates to install flow meters at strategic locations in the sanitary sewer system to identify how much stormwater might be entering the sanitary sewer system. Metering will be complete by June 2012.

If the findings indicate that there are areas where significant amounts of stormwater are entering the sanitary system, detailed investigations will commence to identify and correct these sources.

### Sanitary Sewer Backup Program.

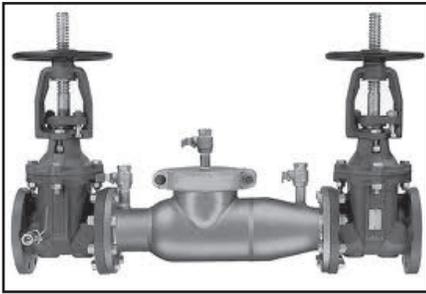
Since 2006, the Village has offered a program whereby the Village participates financially with property owners in the cost of installing flood protection against basement sewer backups. In September of 2011, in response to the flooding of July 2011,

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## Stormwater Management (continued)

the Village increased the cost-sharing amount. Under this program, the Village now contributes half the cost, to a maximum of \$3,500, towards the cost of an anti-backup device, and half the cost, to a maximum of \$5,000, towards the cost of converting a building to overhead sewer. This program allows homeowners to partner with the Village towards protecting their own basement from flooding associated with sewer backups.



*Backflow Prevention System*

To participate in this program, contact Assistant Village Engineer Susan Chen at: [schen@winnetka.org](mailto:schen@winnetka.org) to obtain an application and to schedule a pre-program inspection.

### Stormwater Master Plan.

The Village Council has included funding in the Fiscal 2012-13 Budget for a Stormwater Master Plan.

The Stormwater Master Plan will bring all of these initiatives together in a single document that provides long-term policy guidance on the major storm sewer and sanitary sewer improvements, sets priorities for storm sewer and sanitary sewer funding, and that provides an implementation plan for significant improvements.

The Village has recently engaged Baxter & Woodman to assist the Village in developing this plan, with a targeted completion of June 2013.

[www.villageofwinnetka.org](http://www.villageofwinnetka.org)

## Computer Recycling at Your Front Door

The *At Home Computer Pickup Program* provides SWANCC-area residents with a convenient recycling option for old electronics and computers.

For \$30 you can recycle up to 6 items. Additional items are \$5 each with a maximum of 15 items. No individual item can exceed 50 pounds and televisions are limited to 27 inches. You can easily schedule and pay for a pickup by calling (847) 724-9205 ext. 203. On the pickup day, simply place your items by the front door tagged with SWANCC's receipt. **It's that easy!**

To be eligible to participate you must live in a SWANCC member community and have street level access to your front door (no condos or apartments).

All materials will be dismantled domestically and recycled by an ISO 14001 and 9001 certified contractor. Due to these recycling efforts, natural resources and energy are conserved, materials are recovered or disposed of in a safe manner as well as landfill space saving.

For a list of accepted electronics eligible for this program, visit [swancc.org](http://swancc.org).

Call 847.724.9205, ext. 203, to schedule an At Home Pickup today!



## Don't Forget to Register to Vote

Registering to vote has never been easier or more convenient. You can register in person at Village Hall, one of the Cook County Clerk's Suburban Courthouse locations, at the Clerk's main office downtown, or you can download registration forms and register through the mail.

A new law called "grace period registration and voting" extends the regular registration deadline by 21 days, allowing voters to register to vote up to one week before an election. However, guidelines limit when and where grace period registrants can vote.

### When to re-register:

Your registration is permanent unless you move or change your name.

**Address changes:** If you have moved within suburban Cook County, you must transfer your registration by re-registering. You may choose to write your new address on the back of your voter identification card and mail it to the Clerk's downtown Chicago office.

**Name changes:** Voters who legally change their name, but not their address, do not have to re-register. If you have changed your name, you can vote after updating your information at the polls.

**Voter qualifications:** To register to vote, you must be a U.S. citizen who is at least 18 years old by Election Day and be a resident of your precinct at least 30 days prior to Election Day. You also must display two pieces of identification - neither needs to be a photo ID, but one must include your current address. Check the Cook County Clerk's website for acceptable forms of identification: [voterinfont.com](http://voterinfont.com).

In Illinois, you do not declare affiliation with a political party when you register to vote. In primary elections, you may choose to vote a specific political party ballot on Election Day.